

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 83	3 (	Tomato Plants And Other Resources Distributor/Column: Editorial Key Terms: debt, equity/ownership Subject: business Notes: one of the classic management dilemmas is the presence of opportunities which outstrip your resources and ability to capitalize on them v4/n1	Mike Harvey
Jan 83	5	Super Writer modifications Distributor/Column: Letters Subject: word processing Notes: modified to allow direct entry of Apple Writer file names v4/n1	Roger B. Bond
Jan 83	13	Apple Disk Librarian Subject: disk utility Notes: capture up to 500 titles on a single disk v4/n1	George D. Parker
Jan 83	33	Fast GOTO Processor Subject: utility Notes: improving GOTO and GOSUB processing v4/n1 System: Applesoft, machine language	Dale Waddell
Jan 83	49	Immediate MACROs Distributor/Column: Tips 'N Techniques Subject: tip Notes: store small routines in a small program v4/n1	Harry White
Jan 83	52	Peeking and Tweaking DOS Subject: utility / patch Notes: popular patches: display deleted files, display free sectors, lower case text, wild card file names v4/n1	Doug Hennig (via Mark Pump
Jan 83	63	Print Error Messages From ONERR Subject: utility Notes: error messages spelled out v4/n1	Thomas J. Zuchowski
Jan 83	64	The Collision Counter Distributor/Column: Tips 'N Techniques Subject: tutorial / graphics / programming Notes: detect colliding shapes v4/n1	Cornelius and Zandler
Jan 83	68	Applesoft Single-Step Disassembly Subject: utility / disassembler Notes: disassembler rewritten in Applesoft v4/n1	Lou Parada
Jan 83	73	All About Trademarks and Trade Names Distributor/Column: Legal Bits Subject: law Notes: ever wonder what TM stood for or what the R really means v4/n1	Thorne D. Harris
Jan 83	79	Apple I.R.S. Subject: tax Notes: test alternate tax strategies v4/n1	F.C. Irving
Jan 83	105	Disk Sector Sweeper Distributor/Column: Apple Utilities Subject: utility Notes: check for bad sectors v4/n1	Ernest Clark

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 83	111	The Compact Sorter Distributor/Column: Apple Utilities Subject: utility Notes: machine language ascending/descending sorts v4/n1	Garry G. Kiziak
Jan 83	125	PILLAR MUNCH Distributor/Column: Games 'N Fun Subject: ARCADE Notes: a game that requires manual dexterity v4/n1	Richard A. Nedbal
Jan 83	142	Word Pro Distributor/Column: Pascal Pointers and Principles Subject: utility Notes: add underlines, subscripts, etc. to your printouts v4/n1	Frank Benson
Jan 83	153	Tiny Typer Distributor/Column: Apple Utilities Subject: text editor Notes: short but powerful text editor written in Applesoft v4/n1	Glen Teman
Jan 83	161	List and Line Edit Distributor/Column: Disassembly Lines Subject: technical Notes: dissecting the LIST command v4/n1	Sandy Mossberg
Jan 83	169	Errors Without Messages Distributor/Column: Nibbling AT Applesoft Subject: tutorial / programming Notes: error trapping v4/n1	Leslie R. Schmeltz
Jan 83	181	All About Pricing Distributor/Column: VisiCorner Subject: business Notes: pricing decisions v4/n1	Jim Englander
Mar 83	3	Computers, Magazines, And Service Distributor/Column: Editorial Key Terms: shakeout Subject: business Notes: the most important characteristic of success in business: attitude and service v4/n2	Mike Harvey
Mar 83	9	(transfer data without chaining Distributor/Column: Letters Subject: technique Notes: store data in memory v4/n2	Maarten van Houten
Mar 83	15	The Investor Subject: investing Notes: track and analyze your investments v4/n2 (4/84p10; 9/84p12; 2/85p110; 10/85p109; 3/86p8; 8/86p87)	Alexander Laird
Mar 83	33	Formula 1 Key Terms: collision counter Subject: arcade Notes: drive your car around the track v4/n2	O'Fallon and Engels

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 83	43	Space Rover Distributor/Column: Games 'N Fun Key Terms: Defender Subject: arcade Notes: a Hi-Res screen Wrap Around routine v4/n2	Steve Prescott
Mar 83	51	Disk Map System Distributor/Column: DOS Detective - 1 Subject: utility / disk Notes: show where everything is v4/n2	Vance Giboney
Mar 83	72	H PLOT Animation Distributor/Column: Graphics Workshop - I Subject: tutorial / graphics / programming Notes: another method of shape creation (besides shape tables) v4/n2	Robert R. Devine
Mar 83	86	Memory to ASCII Distributor/Column: Tips 'N Techniques Subject: utility Notes: hex dump v4/n2	Frank Shirk
Mar 83	97	Double Cat Subject: utility Notes: display 42 titles on your catalog v4/n2	Mark K. McKibben
Mar 83	99	Applesoft Peeper Subject: tip Notes: examine memory, then return to Applesoft v4/n2	Harry White
Mar 83	101	CHAMP Reporting Distributor/Column: Inside Applications Subject: home finance Notes: a new indexed reporting system v4/n2	Jerry Hall
Mar 83	113	The First Dimension Distributor/Column: All About Arrays - I Subject: tutorial / programming Notes: arrays: what they are and how to use them v4/n2	Rick Connelly
Mar 83	121	How to Choose and Use an Attorney Distributor/Column: Legal Bits Key Terms: software contracts Subject: law v4/n2	Thorne D. Harris III
Mar 83	135	APPLE BOOK LIST Key Terms: bibliography Subject: INDEX Notes: comprehensive listing of Apple books, periodicals, and paraphernalia v4/n2	Bob Broedel
Mar 83	146	Vacation Cost Planner Distributor/Column: VisiCorner Subject: home v4/n2	Jim Englander
Mar 83	155	File Name Mover Distributor/Column: Apple Utilities Subject: utility Notes: move file names in the CATALOG in any order v4/n2	Dean Kay

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 83	161	Applewriter I Enhancement Kit Subject: utility / word processing Notes: embed control characters in your text v4/n2	Walter D. Wilson
Mar 83	167	RAM cards and ROM movers Distributor/Column: Disassembly Lines Subject: technical Notes: move Applesoft ROM to a RAM card v4/n2	Sandy Mossberg
Mar 83	178	Playing the Slots Distributor/Column: Nibbling At Applesoft Subject: tutorial Notes: I/O and the game paddle ports v4/n2	Leslie R. Schmeltz
May 83	3	Profiles of Service ... Or Lack Of It! Distributor/Column: Editorial Key Terms: salesman Subject: business Notes: the key ... attitude v4/n3	Mike Harvey
May 83	11	The Nibble Designer Subject: graphics / CAD Notes: simple Computer Aided Design (CAD) system v4/n3	Colin French
May 83	25	The Illustrator Subject: drawing / graphics Notes: develop and edit shape tables v4/n3	Colin French
May 83	40	Disk Zap System Distributor/Column: DOS Detective - II Subject: utility / disk Notes: read, examine, edit, and write disk sectors v4/n3	Vance Giboney
May 83	59	A Cure for Sequentialmultiputitus Subject: tip Notes: acute mental frustration when trying to use multiple input variables in programs using sequential text files v4/n3	John Oakey
May 83	60	How to Sort 5 Ways Subject: technique Notes: REMPOKE, Shell sort, Hoare's Quicksort v4/n3	Curtis Browne
May 83	67	Screen Print Key Terms: word wrap Subject: utility Notes: prevent word-splitting v4/n3	James Genovese
May 83	69	Playing With Program Pointers Subject: technique Notes: recover from FP and Resets; program splitter and overlay utilities v4/n3	Annie Moss
May 83	89	Apple Interval Timer Distributor/Column: Apple Utilities Subject: clock Notes: up to 25 timed events v4/n3	C.J. Thompson

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 83	91	Machine Language Relocator Subject: utility Notes: relocate data and programs to the memory range of your choice v4/n3	Ken McCandless
May 83	95	Self-Modifying Applesoft Distributor/Column: Apple Utilities Subject: utility Notes: change Applesoft programs on the fly without losing variables v4/n3	Chris Winkler
May 83	105	Nibble Inferno Subject: arcade Notes: save the falling babies v4/n3	Bill Fortenberry
May 83	117	The Magic Cube Solution Distributor/Column: Games 'N Fun Key Terms: Rubik Subject: novelty Notes: a fool proof solution v4/n3 System: Applesoft	Paul Raymer
May 83	119	Travel Expense Collector Distributor/Column: Visi-Corner Subject: accounting Notes: expense reporting/analysis v4/n3	Jim Englander
May 83	122	Turtle Graphics Revisited Distributor/Column: Inside Applications Subject: education Notes: variables, the IN command, and recursion v4/n3	David Krathwohl
May 83	126	Introduction to Macros Subject: technique / programming Notes: a group of assembly language instructions identified by a single name v4/n3 System: assembly	Alan D. Floeter
May 83	128	Block Shape Animation - Part 1 Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: the third method of creating and manipulating shapes v4/n3	Robert R. Devine
May 83	143	FREELANCING: or the difference between Liberty and License Distributor/Column: Legal Bits Subject: law Notes: yes, 9 to 5 is simpler, but not nearly as much fun v4/n3	Thorne D. Harris III
May 83	147	9 Lessons in Fault Tolerant Software Distributor/Column: Inside Applications Subject: software design Notes: error trapping v4/n3	Jeff Cox
May 83	153	Go With the Flow Distributor/Column: Nibbling at Applesoft Subject: tutorial/programming Notes: GOTO, GOSUB, ON... GOTO/GOSUB, and complex IF statements v4/n3	Leslie R. Schmeltz
May 83	161	The Second Dimension Distributor/Column: All About Arrays - II Subject: tutorial / programming Notes: two dimensional arrays v4/n3	Rick Connelly

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 83	175	Hide/Unhide Programs in RAM cards Distributor/Column: Disassembly Lines Subject: technical Notes: unmask the FP and INT commands v4/n3	Sandy Mossberg
May 83	189	Pascal/Epson Formatter Distributor/Column: Pascal Pointers and Principles Subject: technique Notes: subscribing, etc. v4/n3 System: MX-80	James Florini
May 83	195	Nibble Investor "Sell" Routine Subject: investing Notes: the missing SALES routine v4/n3	Alexander Laird
Jun 83	3	Acres of Diamonds Distributor/Column: Editorial Subject: business Notes: look in your backyard and be prepared to "MINE" the terrain you know best -- your own experience v4/n4	Mike Harvey
Jun 83	6	formatting REM statements Distributor/Column: Letters Subject: tip v4/n4	Jim Oates
Jun 83	13	The RAM Manager Subject: utility / technical Notes: put up to 10 programs into a 16K RAM card v4/n4	Bill Christ
Jun 83	30	Tele-Psych Key Terms: ELIZA Subject: communications / party game Notes: simulate computer artificial intelligence learn the basics of telecommunication v4/n4 System: Micromodem	Craig Crossman
Jun 83	41	Expense Calc Key Terms: spreadsheet Subject: accounting / technique Notes: an expense report management system v4/n4 System: Amper-Interpreter	John Oakey
Jun 83	62	EXEC File Tricks Distributor/Column: Tips 'N Techniques Subject: tip Notes: EXEC multiple programs, branch on EXEC, pause with EXEC v4/n4	Iver P. Cooper
Jun 83	65	BLOAD Specs Subject: utility Notes: display starting address and length of last BLOADed file v4/n4	Joseph Youngblood
Jun 83	67	Search and Replace Subject: utility Notes: apply word processing techniques to Applesoft v4/n4	Sandy Mossberg
Jun 83	83	Fly Away Subject: arcade Notes: puff away feathers and balloons v4/n4	Daryl Scott

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 83	93	All About Software Contracts Distributor/Column: Legal Bits Subject: law Notes: some of the different types of agreements that can exist between the programmer and the publisher v4/n4	Thorne Harris III
Jun 83	99	VISTA V1200 (5 MEGABYTE DISKETTE SYSTEM) Distributor/Column: VISTA Subject: disk drive / hardware Notes: HE LOVES IT v4/n4 System: APPLE / IBM Price: \$1595	rb Joseph M. Cohen
Jun 83	109	Nibble Index - Volume 3 Subject: index Notes: organized by title v4/n4	staff
Jun 83	113	The Third Dimension Distributor/Column: All About Arrays - III Subject: tutorial / programming Notes: 3 dimensional arrays v4/n4	Rick Connolly
Jun 83	120	Going Wild on Filenames Distributor/Column: Apple Utilities Subject: utility / disk Notes: use the wildcard "=" sign to access files v4/n4	Alan and Valerie Floeter
Jun 83	125	Auto Screen Distributor/Column: Apple Utilities Subject: utility Notes: create "Magic Cursor" menus v4/n4	Don Ravey
Jun 83	135	PrettyLister Distributor/Column: Apple Utilities Subject: utility Notes: Applesoft LIST formatting v4/n4	Bryan Brown
Jun 83	143	Pointing RLOAD in the Right Direction Distributor/Column: Fun With Toolkit Subject: tip Notes: a fix to an RLOAD bug v4/n4	Kevin C. Killion
Jun 83	146	Block Shape Animation II: shape reversal Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: the REVDIR routine v4/n4	Robert R. Devine
Jun 83	167	RAM Card Line Edit Distributor/Column: Disassembly Lines Subject: technical Notes: line editing with no memory loss v4/n4	Sandy Mossberg
Jun 83	179	Getting A Line On Graphics Distributor/Column: Nibbling at Applesoft Subject: tutorial / programming Notes: hi-res, lo-res, text, and no-res v4/n4	Leslie R. Schmeltz

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 83	190	Applesoft "Skip" Accelerator Distributor/Column: Tips 'N Techniques Subject: technique Notes: improve branching speed v4/n4	Doug Sprinkle
Jun 83	195	Badminton Subject: arcade / sports Notes: the Nibbleton Tournament v4/n4	Steven Wong
Aug 83	5	Tall Ships ... Sails and Keels Distributor/Column: Editorial Subject: business / industry Notes: when in doubt, go slowly. You're bound to make mistakes at first and your strategy should be centered on steady progress. Don't capsize. v4/n5	Mike Harvey
Aug 83	12	Catalog Customizer Distributor/Column: Letters Subject: utility Notes: one liner changes catalog appearance v4/n5	Jim Eckblad
Aug 83	14	BREAK Subroutine Distributor/Column: Letters Subject: utility Notes: routine allows you to break out of a program then resume v4/n5 System: assembler	John Broderick
Aug 83	21	The Nibble Oracle Distributor/Column: feature Subject: home / business Notes: a personal decision-making utility that aids in the resolution of complex alternatives v4/n5	Jeff G. Cox
Aug 83	32	Amper Fre Splitter Subject: utility Notes: free up any area of your Apple's memory v4/n5	Gary C. James
Aug 83	48	DOS 3.3 Fast Load Enhancement Distributor/Column: Apple Utilities Key Terms: HYPERDOS Subject: utility / technical Notes: LOAD, BLOAD, RUN, and BRUN up to five times faster v4/n5	Thomas N. Burt
Aug 83	61	Math Monster Distributor/Column: Education Corner Subject: education Notes: solve math problems before the monster gobbles you up v4/n5	Donald Nute
Aug 83	71	Spelling Tutor Distributor/Column: Education Corner Subject: education Notes: drilling students on spelling vocabulary v4/n5	Bill Hedges
Aug 83	80	Typing Helper Distributor/Column: Education Corner Subject: education Notes: learning to type the common BASIC and disk commands v4/n5	Rob Smythe

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 83	80	Time Teacher Distributor/Column: Education Corner Subject: education Notes: teaching the skill of telling time v4/n5	Rudy A. Guy
Aug 83	88	Dots-Ello Distributor/Column: Games 'N Fun Subject: strategy Notes: hi-res "board" game v4/n5	Jun Been Shao
Aug 83	99	Color Text Graphics Distributor/Column: Games 'N Fun Subject: technique Notes: draw graphics using text commands v4/n5 System: Applesoft	Paul Raymer
Aug 83	102	Mockingboard Distributor/Column: Sweet Micro Systems Subject: speech/sound synthesis / hardware Notes: sound generator and speech synthesizer v4/n5 Price: \$99 to \$179	rb Thorne D. Harris III
Aug 83	117	Disk Head Cleaner Distributor/Column: Tips 'N Techniques Subject: utility / maintenance Notes: a program that runs the head between the inner and outer tracks of the cleaning diskette in order to use as much of the cleaning surface as possible v4/n5	Art Mena
Aug 83	119	Newsaver Distributor/Column: Tips 'N Techniques Subject: utility Notes: recover lost Applesoft programs v4/n5	Gary Bond
Aug 83	123	Verify and Lock Distributor/Column: Tips 'N Techniques Subject: technical Notes: LOCK a file every time it is SAVED or BSAVED v4/n5	Doug Denby
Aug 83	125	Submitting Your Program to a Publisher: Non-Disclosure Agreements Distributor/Column: Legal Bits Subject: law Notes: how can you be sure that you won't be ripped off when you submit your program to a company v4/n5	Thorne D. Harris III
Aug 83	128	Trans-Cal (Basic Text to Pascal) Distributor/Column: Pascal Pointers and Principles Subject: utility Notes: capture DOS text files in Pascal format v4/n5	David Lieberman
Aug 83	139	Tying Up Loose Ends Distributor/Column: Nibbling at Applesoft Subject: tutorial / programming Notes: strings, tape/disk, random/sequential files, printer control v4/n5	Leslie R. Schmeltz
Aug 83	146	Block Shape Animation - III Distributor/Column: Graphics Workshop Subject: utility / graphics / programming Notes: creating Block Shape Tables v4/n5	Robert R. Devine

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 83	157	Convert (ASCII to HEX) Distributor/Column: Disassembly Lines Subject: technical Notes: decimal-hexadecimal conversion v4/n5	Sandy Mossberg
Aug 83	173	TAB XY Distributor/Column: Apple Utilities Subject: utility Notes: position the cursor at a specified horizontal and vertical position v4/n5	S. Scott Zimmerman
Aug 83	175	RAM-PAD Distributor/Column: Apple Utilities Subject: utility / technical Notes: save text screens in a RAM card v4/n5	Sandy Mossberg
Sep 83	5	Growth and Panic! Strategy Revisited Distributor/Column: Editorial Subject: business Notes: competition tends to be a "Push-Push" phenomenon v4/n6	Mike Harvey
Sep 83	19	The Nibble Programmer Distributor/Column: LISTING Key Terms: S-BASIC Subject: language / pre-processor Notes: write structured BASIC without line numbers v4/n6	Paul Hyman
Sep 83	31	ECHO II Distributor/Column: STREET ELECTRONICS Key Terms: phonemes Subject: SPEECH SYNTHESIZER Notes: text to speech hardware and software v4/n6	rb Donald W. Miller, Ph.D.
Sep 83	33	Bouncing Numbers for Pre-Schoolers Distributor/Column: Education Corner Subject: education Notes: teach small children the names of numbers 0 to 10 by animating and presenting the numbers accompanied by sound v4/n6	Kevin D. Riley
Sep 83	39	Word Find Subject: puzzle Notes: generate hidden word puzzles v4/n6	David Fahnestock
Sep 83	46	The Whys and Wherefores Distributor/Column: Legal Bits Subject: law Notes: piracy, copy protection, copyright v4/n6	Thorne D. Harris III
Sep 83	62	DOS keyboard intercept Distributor/Column: Disassembly Lines Subject: technical Notes: DOS's surveillance of the keyboard input v4/n6	Sandy Mossberg
Sep 83	69	Applesoft Tricks Distributor/Column: Tips 'N Techniques Subject: tip Notes: accept quotes and commas, DO..WHILE, delete arrays, ON branching v4/n6	Craig Peterson

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 83	75	Apple Slot Finder Subject: utility Notes: identify what's in your slots v4/n6	Steven Weyhrich
Sep 83	80	Practical Sort for Beginners Subject: technique Notes: a simple "Selection Sort" routine v4/n6	JoAnn Miner
Sep 83	85	DOS Error Message & Command Changer Distributor/Column: Tips 'N Techniques Subject: utility Notes: customize DOS to your taste v4/n6	Donald Miller
Sep 83	91	Magazine Article Tracking System (MAT) Key Terms: hmmm Subject: data management Notes: have you ever had the problem of trying to find a particular magazine article and not knowing which magazine it's in v4/n6	Glenn Archer
Sep 83	97,	ARC Find/Dial Print Formatting / Multi-Field Search Distributor/Column: Inside Applications Subject: data management Notes: enhancements to A.R.C. v4/n6	Chuck Kiss / David Storm
Sep 83	103	The Nibbler Distributor/Column: Games 'N Fun Key Terms: Pac-Man Subject: arcade / technique Notes: the anatomy of a fabulous arcade game v4/n6	Brent Iverson
Sep 83	118	Text Formatter Distributor/Column: Apple Utilities Subject: utility Notes: eliminate word wrap-around v4/n6	R. Scott Smith
Sep 83	126	Block Shapes IV Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: shift animation without DRAWING v4/n6	Robert R. Devine
Sep 83	142	Justified Text Printing Distributor/Column: Pascal Pointers and Principles Subject: technique Notes: printing text with straight margins on both the left and right sides of the page v4/n6	J.R. Florini
Sep 83	151	Leaving Home Distributor/Column: Apple Utilities Subject: utility Notes: scroll text down, left, center v4/n6	Dennis Saunders
Sep 83	157	Production Planning Template Distributor/Column: VisiCorner Subject: business Notes: relate sales to production (compute ending inventory and time period of supply) v4/n6	Hibben & Davies

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 83	162	The Atari Connection Distributor/Column: Hardware Construction Project Subject: joystick adapter Notes: interface an Atari Joystick v4/n6	Bruce Malcolm
Sep 83	168	DOS Catalog Dater Distributor/Column: Apple Utilities Subject: utility Notes: save the file date v4/n6	Art Mena
Sep 83	173	Diskette Enveloper Subject: tip Notes: captures the catalog of a diskette and reformats it into a diskette envelope v4/n6	David Powell
Sep 83	179	Apple IIe Cast of Characters Subject: technical Notes: the Apple II with 80-column board has 4 distinct character sets v4/n6	Sandy Mossberg
Sep 83	185	Search Routine for BASIC Distributor/Column: Apple Utilities Key Terms: PIEMAN Subject: technique Notes: machine language search for string array matches v4/n6	Eagle I. Berns
Oct 83	7	Nibble Goes Monthly Distributor/Column: Editorial Subject: business Notes: the decision/business process that brought us to this point v4/n7	Mike Harvey
Oct 83	9	My Micro Can't Have A Mind Of Her Own ... Can She? Distributor/Column: Letters Subject: poetry v4/n7	Mike Shadick
Oct 83	10	Hires Abstract Distributor/Column: Letters Subject: graphics Notes: some interesting effects v4/n7	Paul Perlic
Oct 83	17	RUN on RESET Distributor/Column: Letters Subject: tip Notes: POKEs to make RESET (or CTRL-C) run the program in memory v4/n7	Robert Fornas
Oct 83	21	T.U.N.E.S. Tone Utility and Note Encoding System Subject: music Notes: quick entry of any tune into an Applesoft program v4/n7	Dr. S. Scott Zimmerman
Oct 83	41	Cassette Tape Monitor Distributor/Column: Construction Project Subject: hardware / homebrew Notes: monitor successful tape loading v4/n7	F. Kuechmann
Oct 83	45	Digger Distributor/Column: Games 'N Fun Subject: arcade / strategy Notes: solve spatial puzzles v4/n7	Donald Nute

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 83	53	Short and Sweet Averaging Distributor/Column: Education Corner Subject: education / math Notes: averaging grades v4/n7	Scott Parrill
Oct 83	55	States and Capitals Distributor/Column: Education Corner Subject: education / geography Notes: learn the capitals of the U.S. v4/n7 System: Pascal	Carlton P. Russell, Jr.
Oct 83	69	Function Graph Distributor/Column: Education Corner Subject: education Notes: graph equations v4/n7	Merrill Roberts
Oct 83	75	EXEC Mini Assembler Distributor/Column: Tips 'N Techniques Subject: technique Notes: getting at your mini-assembler from Applesoft v4/n7 System: 64K	Bill Parker
Oct 83	78	Visi-Sort Plus Distributor/Column: Tips 'N Techniques Subject: technique Notes: see 3 sorting methods (bubble, quick, shell) v4/n7	Andre Samson
Oct 83	81	Disk Drive Speed Tips Distributor/Column: Tips 'N Techniques Subject: maintenance Notes: adjusting the speed of your disk drive v4/n7 System: fluorescent light	Dave Walsh
Oct 83	83	Applesoft Programming Helper Subject: utility Notes: detect most syntax errors, type mismatch errors, and undef'd statement errors v4/n7	Grant Stevens
Oct 83	105	Multiple Disk Copy Distributor/Column: Apple Utilities Subject: utility Notes: make up to seven copies at once v4/n7 System: supports up to eight disk drives	Alan and Valerie Floeter
Oct 83	115	Block Shape Animation V Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: vertical shift animation v4/n7	Robert R. Devine
Oct 83	127	DOS video intercepts and command parsing Distributor/Column: Disassembly Lines Key Terms: signature byte Subject: technical Notes: how the Apple processes commands v4/n7	Sandy Mossberg
Oct 83	147	Magic Menu for the Star System Distributor/Column: Inside Applications Key Terms: Magic Window Subject: technique / programming Notes: a versatile menu controller v4/n7	Ralph J. Kreger

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 83	151	Disclaimers Distributor/Column: Legal Bits Subject: law Notes: warranties and disclaimers v4/n7	Thorne D. Harris III
Oct 83	155	Disk Preparer Distributor/Column: Apple Utilities Subject: utility Notes: warning before INIT v4/n7	Barry Kalet
Oct 83	159	Hi-Res Fill/Reverse Distributor/Column: Apple Utilities Subject: utility / graphics Notes: quickly fill in any hi-res rectangle v4/n7 System: machine language	Garry G. Kiziak
Oct 83	175	Encode-Decode (for Program Protection) Distributor/Column: Apple Utilities Subject: security Notes: encode your program so that only the keeper of the KEY can use or even list the programs v4/n7	Ken McCandless
Oct 83	192	Seven Steps to Bug Free Programs Subject: software design Notes: what you need to do BEFORE going to the keyboard v4/n7	JoAnn Miner
Dec 83	7	Big Guns ... Little Guns ... and Cap Guns Distributor/Column: Editorial Key Terms: 80:20 rule Subject: business Notes: the market conditions increasingly demand that you focus your strategy to be the "best" in a smaller market segment v4/n8	Mike Harvey
Dec 83	9	Ending Assembly Code With More Than One Origin (ORG) Distributor/Column: Letters Subject: tip v4/n8	Sandy Mossberg
Dec 83	12	Infinite Drawing Program Distributor/Column: Letters Key Terms: polar Subject: graphics Notes: two numbers generate different designs v4/n8	Frank Weil
Dec 83	25	RAM DISK Subject: utility Notes: create a 16K "pseudo-disk" v4/n8 System: 64K	Kan and Fran Manly
Dec 83	39	Binary Dump Distributor/Column: Tips 'N Techniques Subject: utility Notes: list a binary program in 16-columns v4/n8	Tim Damon
Dec 83	43	Memex Distributor/Column: Tips 'N Techniques Subject: utility Notes: examine memory v4/n8	Mason Jones

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 83	53	Apple Trig Distributor/Column: Education Corner Subject: education Notes: plot trig functions v4/n8	Andy Warren
Dec 83	61	Projection, Perspective, and 3-D Hidden Line Removal Distributor/Column: Education Corner Subject: technique / graphics Notes: generate 3-D graphics with hidden lines removed v4/n8	Prof. Richard B. Goldstein
Dec 83	72	Apple Talker Subject: speech Notes: talk, without added hardware v4/n8 System: cassette recorder	Mike Eve
Dec 83	83	P.A.C. (Personal Appointment Calendar) Subject: business Notes: keep track of up to 15 memos a day for a year v4/n8	Rudy A. Guy
Dec 83	92	Munchies Distributor/Column: Games 'N Fun Subject: novelty / game Notes: arcade game with text graphics v4/n8 System: Applesoft	Paul Raymer
Dec 83	101	Type-Ahead Keyboard Buffer for the Apple II Distributor/Column: Hardware Construction Project Subject: buffer / homebrew Notes: build a 16-character keyboard buffer v4/n8	L.A. Tomlinson
Dec 83	109	AmperPacker/Unpacker Distributor/Column: Apple Utilities Subject: utility Notes: compress text files v4/n8	David J. Griggs
Dec 83	131	EPS and KB-200 Keyboards Distributor/Column: Executive Peripheral / Keytronic Key Terms: lower-case Subject: keyboard Notes: full-function keyboards v4/n8 System: Apple II Price: \$399 / \$298	rb Stephen McRoberts
Dec 83	137	Processing Valid DOS commands Distributor/Column: Disassembly Lines Subject: technical Notes: how DOS analyzes commands / FREE - a new DOS command v4/n8	Sandy Mossberg
Dec 83	149	Introductory RAM Card Programming Distributor/Column: Inside Applications Subject: tutorial / technical v4/n8	Gary Little
Dec 83	159	ManPower Planner Distributor/Column: VisiCorner Subject: business Notes: level manpower by moving the production load from month to month v4/n8	Robin and Gil Gilbert

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 83	166	Statement of Ownership, Management and Circulation Subject: magazine Notes: 61425 paid circulation v4/n8	
Dec 83	173	The Inspector Distributor/Column: Omega Subject: utility / disk Notes: the ultimate disk zap utility supplied on ROM v4/n8 System: D8 socket Price: \$60	rb Rip Toren
Dec 83	173	Castle Wolfenstein Distributor/Column: Muse Subject: adventure / arcade Notes: find the secret Nazi invasion plans and escape the castle v4/n8 Price: \$30	Warner, Silas / rb A. R. Fi
Dec 83	179	How to Find a Publisher Distributor/Column: Legal Bits Subject: law / software publishing v4/n8	Thorne D. Harris III
Dec 83	182	Auto-Menu Distributor/Column: Pascal Pointers and Principles Subject: utility Notes: never again write code for another menu function v4/n8	Raymond GA Cote
Jan 84	7 (	All About Standards and Policies Distributor/Column: Editorial Subject: business Notes: my favorite definition of a policy is "A DECISION THAT HAS ALREADY BEEN MADE"	Mike Harvey
Jan 84	10	Handling Moving CALL Locations Distributor/Column: Letters Subject: tip Notes: avoiding problems associated with having CALL locations change with program modifications in the assembly source program	Chester H. Page
Jan 84	10	Explosion Demo Distributor/Column: Letters Subject: tip / animation Notes: using HPLLOT to simulation an on-screen explosion	Mike A. Helm
Jan 84	11	Program ID Distributor/Column: Letters Subject: tip / programming Notes: identify your program with a header System: BASIC	Jack Lacey
Jan 84	19	Nibble Diner Subject: home / nutrition Notes: personal diet planner	Duane R. Pendergast
Jan 84	49	Epson MX-80 Plotter Distributor/Column: Education Corner Subject: education Notes: plot multiple functions	Seth T. McCormick
Jan 84	56	Modular Programming Distributor/Column: Nibbling at Applesoft Subject: tutorial / programming Notes: start a library of routines	Leslie R. Schmeltz

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 84	62	Hypercounter Distributor/Column: Tips 'N Techniques Subject: technique / demo Notes: count to a million with machine language speed	Macken and Consoli
Jan 84	65	FreeCAT Distributor/Column: Tips 'N Techniques Subject: utility Notes: show the number of free sectors on a disk	Manuel Tejada
Jan 84	68	Bankruptcy: the end or a second chance? Distributor/Column: Legal Bits Subject: law Notes: the options for a troubled business	Thorne D. Harris III
Jan 84	74	Fast File Search Distributor/Column: Apple Utilities Subject: utility Notes: speed random access file searches	A. Edward Evenson
Jan 84	81	Artillery Duel Distributor/Column: Games 'n Fun Subject: arcade Notes: face off over the mountain	Ludwig V. Reisky
Jan 84	94	Pascal Tricks Distributor/Column: Pascal Pointers and Principles Subject: technique Notes: how to PEEK at your Apple	Doug Denby
Jan 84	98	Apple Pascal Games Distributor/Column: Sybex Subject: book / language Notes: more a tutorial than a games book System: Pascal	Hergert and Kalash / rb Mic
Jan 84	100	VisiCalc Sorter Distributor/Column: VisiCorner Subject: utility / spreadsheet Notes: sort VisiCalc data in Applesoft, then return to original format	Colin Graham
Jan 84	105	DOS Extender, Renumber DOS, and Slave Maker Key Terms: Renumber bug Subject: utility / technique Notes: hide your favorite utility inside of DOS	Joel Buckley
Jan 84	121	Block Shape Animation VI - Squirm Attack Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming / arcade Notes: introduction to pre-shifted animation	Robert R. Devine
Jan 84	134	Black Box Distributor/Column: Games 'n Fun Subject: strategy game Notes: fire atoms into the black box and try to guess the position of the hidden atoms	Gary Knox
Jan 84	141	Semiultimate Input Routines (SIR) Distributor/Column: Apple Utilities Subject: utility Notes: a flexible input response routine	Ken Manly
Jan 84	151	File Manager Executive Routines Distributor/Column: Disassembly Lines Subject: technical Notes: File Manager's methods are explored	Sandy Mossberg

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 84	167	Copy Converter Distributor/Column: Paul's Little Nibbles Subject: tip Notes: convert lower case to upper case System: Applesoft	Paul Raymer
Feb 84	7	Frogs, Ponds and Worlds Distributor/Column: Editorial Key Terms: SERVICE Subject: business Notes: it is important to define an arena in which you believe you can be the "best" at what you do	Mike Harvey
Feb 84	9	Conflict Resolution Distributor/Column: Letters Subject: novelty Notes: let the Apple decide the winner	Richard Rabkin
Feb 84	9	Integer BASIC and underlines Distributor/Column: Letters Subject: language / tip Notes: strange behavior in Integer BASIC	Bob Bragner
Feb 84	12	GOTO line number Distributor/Column: Letters Subject: technique Notes: GOTO a line number stored in a variable	Tim Meekins (with Lee Reyno)
Feb 84	17	Applesoft Expander Subject: utility Notes: add powerful new commands to Applesoft	J.L. Costenbader
Feb 84	46	Nibble Garage Key Terms: automobile Subject: home Notes: scheduling car care	Woody Adamson
Feb 84	60	FlashCard Distributor/Column: Education Corner Subject: education Notes: math drill with hi-res flashcards	Harry K. Sugar
Feb 84	71	QUICKFILE IIe Distributor/Column: APPLE Subject: DATA MANAGEMENT Notes: sophisticated, yet easy to use / five apple rating Price: \$100	rb Peter Callamaras
Feb 84	74	Custom Catalog Distributor/Column: Apple Utilities Subject: utility Notes: personalize your disk catalog	Mason Jones
Feb 84	76	SafeCracker Distributor/Column: Games 'N Fun Subject: arcade Notes: work against the clock to open a safe System: paddle	Joanne Davis
Feb 84	78	Hi-Res Character Drawing Distributor/Column: Graphics Workshop Subject: tutorial / graphics / utility Notes: drawing characters on the hi-res screen	Robert R. Devine
Feb 84	83	Greeter Maker Distributor/Column: Apple Utilities Subject: technique Notes: EXEC or BRUN your hello program	Chris Glenn

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 84	93	Eleven Free Sectors Distributor/Column: Tips 'N Techniques Subject: technique Notes: steal back 11 sectors from DOS	Les Stewart
Feb 84	93	Fancy Hi-Res Picture Loading Distributor/Column: Tips 'N Techniques Subject: utility / graphics Notes: good-bye to the "Venetian blind" effect when loading pictures	Art Arizpe
Feb 84	98	The Catalog Command Distributor/Column: Disassembly Lines Subject: technical Notes: fix and enhance the Catalog command	Sandy Mossberg
Feb 84	113	Speed Maze Distributor/Column: Games 'n Fun Subject: arcade Notes: navigate through a lo-res maze	David Krathwohl
Feb 84	125	80 Column Magic for the Apple IIe Distributor/Column: Apple Utilities Subject: utility Notes: two-column catalog and monitor listings	G. Mark Fabbi
Feb 84	137	The Nibble Investor and Commission Accounting Distributor/Column: Inside Applications Subject: investing Notes: keep track of commissions	Alexander Laird
Feb 84	140	Software Rental: consumer boon or pirates gold? Distributor/Column: Legal Bits Subject: law Notes: parallels between software and video copying	Thorne D. Harris III
Feb 84	149	Amper-Catalog Distributor/Column: Apple Utilities Subject: utility Notes: put your disk catalog into a string array	Bruce Conrad
Feb 84	154	NoBoot Distributor/Column: Apple Utilities Subject: utility Notes: crash-proof DOS-less data disks	Bill Fortenberry
Feb 84	158	An Introduction to CP/M Distributor/Column: Inside Applications Subject: operating system / tutorial Notes: a short overview	Alan R. Cohen
Feb 84	162	The Screen Writer II, Apple and Epson Trio Distributor/Column: Inside Applications Key Terms: macro Subject: technique / printer Notes: send special print codes to your Epson from with Screen Writer System: Screen Writer	Tim Graubert
Feb 84	167	Note Book Distributor/Column: Paul's Little Nibbles Subject: novelty Notes: save brief messages System: Applesoft	Paul Raymer
Mar 84	7	Is There Anything Left? Distributor/Column: Editorial Subject: industry / business Notes: if you provide something of value, reasonably priced, and present it well... people will buy it	Mike Harvey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 84	14	Lores-Hires Plotter Distributor/Column: Letters Subject: drawing Notes: draw a picture on the lo-res screen then put the figure in miniature on the hi-res screen	C.J.G. and M.J. Raw
Mar 84	17	The Nibble Broker Distributor/Column: Feature Article Subject: investing Notes: track the yield from your stocks and graphically display the results	Mark R. Craven
Mar 84	33	Quicksort II Distributor/Column: listing Subject: utility / programming / technique Notes: sort your string and numeric arrays on up to nine keys	Cornelis Bongers
Mar 84	55	BASIC TUTOR Distributor/Column: SUPERSOFT Subject: EDUCATION / LANGUAGE Notes: Is your Apple smart enough to teach you BASIC?	rb Leslie R. Schmeltz
Mar 84	57	Stack 'Em Up Distributor/Column: Education Corner Subject: business graphics Notes: add three-dimensional graphics to your charts and graphs	Kevin Killion
Mar 84	62	College Class Scheduler Distributor/Column: Education Corner Subject: education / scheduling Notes: don't spend hours juggling classes, hours, and days	Paul M. Hyman
Mar 84	65	Attack of the Killer Shape Tables Distributor/Column: Games 'N Fun Subject: arcade Notes: zap the descending Killer Shape Tables System: Applesoft	Bill Zeman
Mar 84	73	Command Handler Distributor/Column: Tips 'N Techniques Subject: utility Notes: use DOS commands from within an assembly language program	Gary Bond
Mar 84	76	Additional Hi-Res Colors Distributor/Column: Tips 'N Techniques Subject: graphics / technique Notes: up to 255 Hi-Res colors can be yours. A short demo shows you how	Matthew Storme
Mar 84	81	The Discourager Distributor/Column: Tips 'N Techniques Subject: utility Notes: keep snoopers out of your listing with this password protection system	Mark Allen
Mar 84	83	Block Shape Animation VII -- Storm Warning Distributor/Column: Graphics Workshop Key Terms: block shape animation Subject: tutorial / graphics / programming / arcade Notes: rescue the townsfolk and rebuild destroyed homes	Robert R. Devine
Mar 84	110	Getting Hooked on Data Communications Distributor/Column: Inside Applications Subject: communications Notes: a primer on the software and hardware needed for telecommunications	Ed Magnin, Telephone Softwa
Mar 84	112	MACINTOSH Distributor/Column: APPLE Key Terms: Steve Jobs Subject: COMPUTER Notes: a first look at Apple's new computer System: Mac Price: \$2500	rb David Szetela

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 84	115	More Subroutines Distributor/Column: Inside Applications Subject: technique / graphics / sound Notes: screen clearing techniques and tone production routines	P.S. Dunseath
Mar 84	121	Complete Catalog Distributor/Column: Apple Utilities Key Terms: RWTS Subject: utility Notes: examine deleted file names	Ronald F. Nocket
Mar 84	124	Screen Edit 80 Distributor/Column: Apple Utilities Subject: utility Notes: store text displays as binary files to save memory and simplify programming	Rudy A. Guy
Mar 84	133	Software Routines: Copyright Problems Distributor/Column: Legal Bits Subject: law Notes: do copyrights apply to software routines?	Thorne D. Harris III
Mar 84	135	Part I: Getting Started Distributor/Column: Nibbling at Pascal Subject: tutorial / language / Pascal Notes: a new series which uses BASIC as a bridge to programming in Pascal System: Apple Pascal	Stephen McRoberts
Mar 84	149	Graphics Toolbox Distributor/Column: Apple Utilities Subject: utility / graphics / programming Notes: swap hi-res pages, superimpose their images, or just invert them	Archie Cobbs
Mar 84	153	An Introduction to PRODOS Distributor/Column: Inside Applications Key Terms: SOS Subject: operating system / technical Notes: a look at the major differences/advantages between ProDOS and DOS 3.3	Sandy Mossberg
Mar 84	166	Programmable Keys Distributor/Column: Paul's Little Nibbles Subject: novelty Notes: change any letters on your Apple keyboard to any other letters you wish System: Applesoft	Paul Raymer
Apr 84	7	Applefest ... R.I.P. Distributor/Column: Editorial Subject: industry / history Notes: a reflection on the zigs and zags of Applefest	Mike Harvey
Apr 84	9	Just For Fun Distributor/Column: Letters Subject: novelty Notes: machine code translated to Applesoft	Stellan Morner
Apr 84	10	Paddle and Joystick test Distributor/Column: Letters Subject: utility Notes: a graphic display of your controller's actions	Michel Theriault
Apr 84	17	Basic Assembler Distributor/Column: Feature Article Subject: assembler Notes: an honest-to-goodness assembler written in Applesoft!	John Whitney
Apr 84	27	Monster Hunt Distributor/Column: Education Corner Subject: education / adventure Notes: can you find the monster in the forest?	Ted Mitrou

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 84	33	Automatic Function Plotter Distributor/Column: Education Corner Subject: education / math Notes: plot your favorite function in Hi-Res graphics	David L. Storm
Apr 84	48	Nibble TV Guide Distributor/Column: Second Feature Subject: home Notes: schedule your favorite shows or events	Rick Connelly
Apr 84	58	A Technical Overview of ProDOS Distributor/Column: Disassembly Lines / Inside Applications Subject: technical / operating system Notes: in this overview, ProDOS's organization and techniques are outlined System: ProDOS	Sandy Mossberg
Apr 84	65	The Sensible Speller IV Distributor/Column: Sensible Subject: spelling checker Notes: exploring the new features of the latest version Price: \$125	Hartley, Charles / rb Tim B
Apr 84	73	FID Plus Distributor/Column: Tips 'N Techniques Subject: utility / enhancement Notes: breathe new life into your favorite utility	Joe Humphrey
Apr 84	74	Label Printer Distributor/Column: Tips 'N Techniques Subject: home / business Notes: for those small jobs when you need one or two labels, allows previewing	Robert C. Brock
Apr 84	77	Managing Applesoft Overlays Distributor/Column: Apple Utilities Subject: technique / programming Notes: break your program into "segments" and store them on disk	Ben Hellstrom
Apr 84	99	Spin Ball Distributor/Column: Games 'N Fun Subject: arcade Notes: combines pin-ball, pong, and some entirely new features System: machine language	Jenny Schmidt
Apr 84	112	Block Shape Animation VIII: New Letter Scroll Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: hide shapes on screen without displaying them, smooth text scrolling	Robert R. Devine
Apr 84	124	Lift Off Distributor/Column: Apple Utilities Subject: utility / graphics Notes: convert sections of the hi-res screen into Shape Tables	Steven Wong
Apr 84	136	Opening and Closing Files Distributor/Column: Disassembly Lines Subject: technical Notes: the mysteries of disk allocation and techniques used to open/close files System: DOS 3.3	Sandy Mossberg
Apr 84	156	Part II: Variables and Constants Distributor/Column: Nibbling at Pascal Subject: tutorial / language / Pascal Notes: the basics of variable types and special string handling functions System: Apple Pascal	Stephen McRoberts
May 84	7	All About Icebergs Distributor/Column: Editorial Key Terms: John Sculley, Tom Watson Jr. Subject: business Notes: the point is that you don't build a reputation for service by philosophizing, you build it through performance	Mike Harvey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 84	15	UPPER-CASE/lower-case Distributor/Column: Letters Subject: technique Notes: function to convert upper to lower case (and vice-versa)	Tam Nguyen
May 84	17	Nibble Keysoft Distributor/Column: Feature Article Key Terms: upper-case and lower-case Subject: utility / hardware Notes: adds a powerful line editor to Applesoft / installing lower case video	Gary C. James
May 84	33	Paycheck Distributor/Column: Second Feature Subject: home finance Notes: income record keeping	Leland L. Cox
May 84	40	Math Marathon + Distributor/Column: Education Corner Subject: education Notes: math practice with a chalkboard like display	James Podraza
May 84	57	Projection, Perspective, and 3-D Hidden Line Removal - part 2 Distributor/Column: Education Corner Subject: education / technique / graphics Notes: how to get different points of view with the hidden lines removed	Prof. Richard B. Goldstein
May 84	76	Apple vs Franklin Distributor/Column: Legal Bits Subject: law Notes: the issues settled in the Apple - Franklin law suit	Thorne D. Harris III
May 84	81	Double Hi-Res Graphics I Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: explore double hi-res (560 dots with 16 hi-res colors) System: Apple //e	Robert R. Devine
May 84	97	Lock, Unlock, Rename, and Delete Distributor/Column: Disassembly Lines Subject: technical Notes: un-deleting files / DOSBUG Quiz	Sandy Mossberg
May 84	103	Automatic Capitalizer Subject: utility Notes: send upper and lower case to your printer System: Apple II/II+	David Meredith
May 84	110	Ant Race Subject: game / gambling Notes: the action of the track and the thrill of gambling System: 80-column IIe	Bill Lazenby, Jr.
May 84	115	Break Processor Distributor/Column: Tips 'N Techniques Subject: tip / debugging Notes: break point debugging System: assembly language	John J. Broderick
May 84	117	Castle Riche Subject: adventure Notes: find the fortune in the castle in this hi-res adventure	Ben L. Geer
May 84	130	Universal Base Conversion Distributor/Column: Tips 'N Techniques Key Terms: hex, binary, octal, decimal Subject: utility Notes: use string functions to translate between any two bases from 2 thru 36	Preston R. Black

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 84	140	Evaluating Your Portfolio Distributor/Column: VisiCorner Subject: investing / technique Notes: portfolio analysis, VisiCalc tricks	Jim Englander
May 84	143	Part III: Programming with Procedures Distributor/Column: Nibbling at Pascal Subject: tutorial / language / Pascal Notes: procedures and local variables System: Apple Pascal	Stephen McRoberts
Jun 84	7	Software Piracy Revisited Distributor/Column: Editorial Subject: industry Notes: copier products are like knives, they can perform a useful, legal function, or they can be used as weapons	Mike Harvey
Jun 84	10	MemSpeak Distributor/Column: Letters Subject: utility Notes: a program to "speak" a machine language listing System: Alien Group "Voicebox"	Ethan Winer
Jun 84	17	Nibble File Cabinet Distributor/Column: Feature Article Subject: data management Notes: create your own customized database, with flexible record lengths, key sorts, and binary tree data storage	Alan H. Stein, Ph.D.
Jun 84	33	Disk Customizer Distributor/Column: Second Feature Subject: utility / disk Notes: adds options to the disk formatting operation System: DOS 3.3	Bryan Costales
Jun 84	45	Clam Bake Distributor/Column: Featured Game Key Terms: PacMan, Tax Man, Snack Attack, Snoggle Subject: arcade Notes: survive the jelly fish in this maze game	William Pu
Jun 84	63	RPN Calculator Distributor/Column: Education Corner Subject: scientific calculator Notes: uses RPN (Reverse Polish Notation)	Skene H. Moody
Jun 84	69	Little Organ Apple Distributor/Column: Education Corner Subject: music Notes: an organ complete with hi-res keyboard	Joseph Youngblood
Jun 84	77	Derivative Works Distributor/Column: Legal Bits Subject: law Notes: modifying copyrighted software	Thorne D. Harris III
Jun 84	81	Print Using Tab Distributor/Column: Tips 'N Techniques Subject: utility Notes: align decimal points and format dollar amounts System: Applesoft	Clay Carr
Jun 84	85	There's an APPLE II Plus Hidden in your APPLE IIe Distributor/Column: Tips 'N Techniques Key Terms: CONVERT Subject: technique Notes: run II+ software on your IIe (gives the //e the old II Plus Monitor)	Michael Gruenthal

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 84	89	Disk Map II Distributor/Column: Apple Utilities Subject: utility Notes: find where your files are stored	Art Mena
Jun 84	107	Keyboard Interrupt Distributor/Column: Apple Utilities Subject: utility Notes: dump the text screen to your printer	Ken McClandless
Jun 84	113	The Roots of System 32 Distributor/Column: Apple Subject: computer Notes: many of the features of the new machines made their first appearance on the Apple II System: Mac / Lisa	by John L. Campbell
Jun 84	118	Stickybear ABC'S Distributor/Column: Xerox Key Terms: alphabet Subject: education Notes: press a key and see a picture Price: \$40	rb Valerie, Alan and Sean F
Jun 84	121	Loading, Running, and Saving Files Distributor/Column: Disassembly Lines Subject: technical System: DOS 3.3	Sandy Mossberg
Jun 84	131	Evaluating Your Portfolio II Distributor/Column: VisiCorner Subject: technique / spreadsheet / investing Notes: updating using DIF files	Jim Englander
Jun 84	135	Part IV: Looping, Cases, and Sets Distributor/Column: Nibbling at Pascal Subject: tutorial / language / Pascal Notes: structures to make programming simpler System: Apple Pascal	Stephen McRoberts
Jun 84	159	Minus Fixer Distributor/Column: Paul's Little Nibbles Subject: tip Notes: convert negative Apple locations to positive numbers System: Applesoft	Paul Raymer
Jul 84	5	Nibble's Code of Conduct... Policy in Practice Distributor/Column: Editorial Subject: business Notes: you should be proud of what you stand for: integrity, quality and taste, service and support, (against) piracy	Mike Harvey
Jul 84	7	Displaying Text / Hi-Res Grids / Changing Cursor and Text Distributor/Column: One-Liner Contest Winners Subject: novelty Notes: Answer To The World's Problems	Mike Rohrer, Bill Dugan, Ch
Jul 84	8	DOS 3.3 and ProDOS Hybrid Disk Distributor/Column: Letters Subject: technique Notes: step-by-step instructions System: zap program (e.g. Bag of Tricks)	Ken Manly
Jul 84	12	Applesoft Global Editor Distributor/Column: Feature Article Subject: utility Notes: search and replace Applesoft variables and strings	Doug Sprinkle

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 84	33	Nibble Color Billboard Distributor/Column: Second Feature Subject: communications Notes: present your messages in a dynamic, colorful display	Steven Wong
Jul 84	50	Bridge Bidder Distributor/Column: Featured Game Subject: strategy / card Notes: improve your bidding skills in this one-player hi-res game	Dale Sedivec
Jul 84	69	POW -- a Programmer's Secret Weapon Distributor/Column: Nibbling at Applesoft Subject: software design Notes: programmer's organizational worksheet / most of the real work in writing a program takes place before you use the keyboard	Leslie R. Schmeltz
Jul 84	78	Copyright Infringement Litigation Distributor/Column: Legal Bits Subject: law Notes: a new "get-tough" stance is emerging	Thorne D. Harris III
Jul 84	82	Enhancing Your Apple II Distributor/Column: Howard W. Sams Subject: book / hardware Notes: software and hardware enhancements Price: \$16	Lancaster, Don / rb Charles
Jul 84	85	Counting Quiz Distributor/Column: Education Corner Subject: education Notes: teach your pre-schoolers to recognize numbers	Mike Rohrer
Jul 84	93	Person Product-Moment Correlation Distributor/Column: Education Corner Subject: statistics Notes: calculate a correlation matrix	Steven A. Schwartz, Ph.D
Jul 84	102	Binary Clock Distributor/Column: Tips 'N Techniques Subject: demo / technique Notes: speeding a program that would otherwise require machine language	Chris Calvert
Jul 84	104	Fixing An Inverse Bug in the 80-Column Card Distributor/Column: Tips 'N Techniques Subject: bug Notes: bug occurs at the bottom of the text window	Thomas Chirpich
Jul 84	107	Applesoft Variable Dump Distributor/Column: Apple Utilities Subject: utility / programming Notes: display values of Applesoft variables	Tom Gabriele
Jul 84	111	Disk Certifier Distributor/Column: Apple Utilities Subject: utility / disk Notes: scan and initialize your disk with defective sectors marked	Tony Dahbura
Jul 84	119	Benchmarks and the Mystery Character Distributor/Column: MacNibbling Subject: language / benchmark Notes: how Applesoft stacks up against MacBASIC and Microsoft BASIC for Mac System: Mac	David Szetela
Jul 84	124	Aztec C Distributor/Column: Manx Subject: language Notes: a comprehensive programming system Price: \$199	rb Cornelis Bongers

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 84	137	Reading and Writing Files Distributor/Column: Disassembly Lines Subject: technical Notes: READ, WRITE and POSITION commands / DOS speed enhancements	Sandy Mossberg
Jul 84	155	Typing Coach Distributor/Column: Paul's Little Nibbles Subject: education Notes: determine how quickly you can locate the letters on the keyboard System: Applesoft	Paul Raymer
Aug 84	7	Lawsuits Distributor/Column: Editorial Subject: industry Notes: litigation appears to have become a new marketing weapon in the fight for market	Mike Harvey
Aug 84	11	How to Use ProDOS On Your Franklin Distributor/Column: Letters Subject: operating system Notes: ProDOS normally looks for the "Apple II" name in ROM	Glenn E. Holliday
Aug 84	12	Pascal On One Drive Distributor/Column: Nibbling At Pascal (Letters) Subject: tip Notes: how to run Apple Pascal from one diskette	Lance Yanagihara / Stephen
Aug 84	12	Color and Animation / Input Anything / Hi-Res Action / Visual Haiku Distributor/Column: One-Liner Contest Winners Subject: novelty Notes: animation and page-flipping	Fred Pence / Yvan Koenig /
Aug 84	14	Sound Synthesizer Distributor/Column: Feature Article Subject: sound Notes: create sound effect libraries	James R. Geschwender
Aug 84	33	List Master Distributor/Column: Second Feature Subject: utility / programming Notes: formatted listing that highlights the program structure	Jim Wrenholt
Aug 84	45	Mon.E A 128K Memory Examination Tool Distributor/Column: Apple Utilities Subject: utility Notes: an extended monitor, switch between memory configurations System: extended 80-column card or //c	Ken Manly
Aug 84	63	Oiler Extender Distributor/Column: Inside Applications Subject: utility Notes: speedy BLOADs (file length restriction removed)	David Whitney
Aug 84	65	Applesoft Anti-Line Cruncher Distributor/Column: Apple Utilities Subject: utility Notes: convert multiple statements into separate lines	Alan and Valerie Floeter
Aug 84	70	Nibble Beach Head Distributor/Column: Featured Game Subject: war / arcade / strategy Notes: maneuver your "dirty dozen" across the beach	Graham Frame
Aug 84	85	Computers and Taxes Distributor/Column: Legal Bits Subject: law Notes: writing off your computer	Thorne D. Harris III

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 84	90	Random Madness Distributor/Column: Paul's Little Nibbles Subject: novelty Notes: a game that is tougher than it looks System: Applesoft	Paul Raymer
Aug 84	92	Regress Distributor/Column: Education Corner Subject: statistics Notes: regression analysis	Dr. Kenneth Bucholz
Aug 84	102	Little Fingers Distributor/Column: Education Corner Subject: education Notes: a touch typing method for little fingers	Constance Fairbanks
Aug 84	113	Hi-Res Special Effects Distributor/Column: Tips 'N Techniques Subject: utility / graphics / programming Notes: reverse colors or flip an image	Rod MacKenzie
Aug 84	117	Custom Flashing Cursor Distributor/Column: Tips 'N Techniques Subject: technique Notes: customize your cursor System: //e 80-column card	Cecil Fretwell
Aug 84	122	Double Hi-Res Graphics II Distributor/Column: Graphics Workshop Subject: utility / graphics Notes: create double hi-res pictures or block shapes	Robert R. Devine
Aug 84	139	HOMEWORD Distributor/Column: Sierra On-Line Subject: word processor Notes: a system based on icons System: 64K	rb Laurence J. Johnson
Aug 84	145	DOS 3.3 File Manager - the Final Act Distributor/Column: Disassembly Lines Subject: technical Notes: how to access DOS 3.3 directly in your machine language programs	Sandy Mossberg
Aug 84	157	BackPat Distributor/Column: MacNibbling Subject: technical Notes: explore the ROM routines that control the background pattern System: Mac / Microsoft Basic	David Szetela
Sep 84	5 (	Profiles of Service -- An Update Distributor/Column: Editorial Subject: business Notes: The Heisenberg Principle: You Get What You Inspect... Not What You Expect	Mike Harvey
Sep 84	14	Nibble Grade Book Distributor/Column: Feature Article Subject: education / data management Notes: record, analyze, and assign your class grades with ease	Newton Saiyuen Lee
Sep 84	33	RAM Disk 64 Distributor/Column: Second Feature Subject: utility Notes: a pseudo-disk with 170 sectors worth of storage System: extended 80-column card	Douglas C. Peterson
Sep 84	45	Tadpole Alphabet Distributor/Column: Education Corner Subject: education / arcade Notes: learn the alphabet with this arcade-style game	John E. Vojtisek, Ph.D

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 84	50	Compass Quiz Distributor/Column: Education Corner Subject: education Notes: learn the points of the compass	Tony Dekeukelaere
Sep 84	55	Mathemagician Distributor/Column: Featured Game Subject: education / adventure Notes: adventure game combines fun with learning	Donald Nute
Sep 84	73	ProMenu Distributor/Column: Apple Utilities Subject: utility Notes: step through directories and select programs to run System: ProDOS	Royce D. Bacon
Sep 84	87	Solid State Slide Show Distributor/Column: Apple Utilities Subject: technique / presentation graphics Notes: display hi-res "slides" / store up to 18 pictures on your RAM card System: RAM card	David Efflandt
Sep 84	97	Free Sector Chart Distributor/Column: Tips 'N Techniques Subject: utility Notes: chart the amount of free space System: DOS 3.3	Donald Jessop
Sep 84	99	Auto Date Distributor/Column: Tips 'N Techniques Subject: technique Notes: provide your programs with the current date	Clay Carr
Sep 84	101	Disassembling the ProDOS BASIC Interpreter Distributor/Column: Disassembly Lines Subject: technical Notes: the journey begins	Sandy Mossberg
Sep 84	107	Aquatron Distributor/Column: Sierra On-Line Subject: arcade Notes: underwater Defender Price: \$30	Gray, Justin / rb Peter V.
Sep 84	107	The Coveted Mirror Distributor/Column: Penguin Subject: adventure Notes: a hi-res adventure Price: \$20	rb Peter V. Callamarus
Sep 84	109	Infidel Distributor/Column: Infocom Subject: adventure Notes: all-text adventures have been raised to an art form Price: \$50	Berlyn, Michael / rb Peter
Sep 84	112	Title Maker Distributor/Column: Paul's Little Nibbles Subject: novelty Notes: create titles from word combinations System: Applesoft	Paul Raymer
Sep 84	115	MacPaint Patterns Distributor/Column: MacNibbling Subject: technique Notes: create and store background patterns System: Mac, Microsoft Basic	Robert C. Backman

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 84	139	Double Hi-Res Graphics III Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: block shape animation	Robert R. Devine
Sep 84	145	Part V: Functions Distributor/Column: Nibbling at Pascal Key Terms: parameter passing Subject: tutorial / language / Pascal Notes: the fundamental building blocks System: Apple Pascal	Stephen McRoberts
Sep 84	152	Computer Queris via Pony Express Distributor/Column: Legal Bits Subject: law Notes: our legal expert answers his mail	Thorne D. Harris III
Sep 84	160	Graphics Display / Flashing Text / Music / Base Converter Distributor/Column: One-Liner Winners Subject: novelty / utility Notes: Animate Text / Animation, Graphics, and Sound / Pretty Picture / Scott McBride / Howard Huang / Hernan Otero / Shawn Day / Fastest Counter	Hap Gaylord / Gary Kowalski
Oct 84	5	Nibble's New Software License Distributor/Column: Editorial Subject: business / law Notes: formalizes position of Nibble software distribution	Mike Harvey
Oct 84	14	Hi-Res Houdini Distributor/Column: Feature Article Subject: utility / graphics Notes: invert colors, shift images, merge screens, and more	S. Scott Zimmerman
Oct 84	33	Nibble Postmaster Distributor/Column: Second Feature Subject: data management / mailing labels Notes: create and store up to 100 mailing labels	Finn Fovdal
Oct 84	45	A Father's First Programs Distributor/Column: Education Corner Subject: education Notes: draw colored blocks, learn the alphabet, learn words, sketch on the hi-res screen System: Applesoft	Tim Lors
Oct 84	56	The Macintosh Cursor Distributor/Column: MacNibbling Subject: technique Notes: create a custom cursor System: Mac, Microsoft Basic or MacBasic	Robert Backman
Oct 84	65	3-D Four Score Distributor/Column: Featured Game Subject: strategy Notes: 3-D tic-tac-toe	Richard and Leah Nedbal
Oct 84	78	Crypt of Medea Distributor/Column: Sir-Tech Subject: adventure Notes: for players who are "very mature and strong of heart" Price: \$35	Brito, Arthur and Allan Lam
Oct 84	78	Dig Dug Distributor/Column: Atarisoft Subject: arcade Notes: a tunneling game Price: \$35	rb Joshua Evans

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 84	79	Expedition Amazon Distributor/Column: Penguin Subject: adventure Notes: Shades of Indiana Jones! Price: \$35	Phillips, Willard / rb Josh
Oct 84	79	TAC: Tactical Armored Command Distributor/Column: Avalon-Hill Subject: war Notes: finally has overcome the board game frame of mind Price: \$40	rb Dale Archibald
Oct 84	79	Transylvania Distributor/Column: Penguin Subject: adventure Notes: travel through forbidding forests, haunted houses, and creepy cemeteries System: Mac Price: \$40	Antiochia, Antonio and Robe
Oct 84	81	The Wizard of Id's Wiztype Distributor/Column: Sierra Subject: education / typing Notes: a typing game with six different practice modes Price: \$35	Banks, Bate, Couch, and Wil
Oct 84	82	Cubit Distributor/Column: Micromax Subject: arcade Notes: Q*Bert Price: \$40	rb Dale Archibald
Oct 84	83	Murder by the Dozen Distributor/Column: CBS Subject: adventure / mystery Notes: solve the murder mystery Price: \$35	rb John DiPrete
Oct 84	85	Double Hi-Res Graphics IV Distributor/Column: Graphics Workshop Key Terms: DHR.PALETTE Subject: tutorial / graphics / programming Notes: create double hi-res pictures and block shapes and save them to disk	Robert R. Devine
Oct 84	100	Nibbling at the Game Paddle Port Distributor/Column: Apple Hardware Subject: technique / hardware Notes: how the port is read and some of the anomalies that complicate this task	Peter Baum, Apple Computer
Oct 84	107	ProDOS Reset Trap Distributor/Column: Tips 'N Techniques Key Terms: ONERR Subject: utility / tip Notes: trapping the <RESET> key	Eric A. Seiden
Oct 84	109	Shades and Textures Distributor/Column: Tips 'N Techniques Subject: graphics Notes: explore what's available in hi-res	Ted Huntington
Oct 84	111	The Quitter Distributor/Column: Paul's Little Nibbles Subject: novelty Notes: print "PI" to 5280 decimal places / foresee dumb user responses System: Applesoft	Paul Raymer
Oct 84	113	Hex Peeks, Pokes, and Calls Distributor/Column: Apple Utilities Subject: utility Notes: PEEK, POKE, CALL directly in hex	Vance Giboney

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 84	121	AutoLog Distributor/Column: Apple Utilities Subject: utility Notes: automatically track elapsed time of your work session	Victor R. Fricke
Oct 84	139	Dollars and Sense vs. Time Is Money Distributor/Column: Monogram / Turning Point Subject: home finance Notes: two accounting packages designed for home and small business use Price: \$100 / \$100	rb Charles Englander
Oct 84	160	Screen Clear / Hi-Res Animation / Unique Text Display / Convert Hex Distributor/Column: One-Liner Winners Subject: utility / demo Notes: Tone Generator / Resurrect Applesoft programs / Screen Effects Chuck Koop / Teddy Pan / Ray Baldonado	Keith Stattenfield / Bill D
Nov 84	5	A Summer of Ice Storms Distributor/Column: Editorial Key Terms: Lotus, creativity Subject: business Notes: extravagant spending in pursuit of unrestrained growth can OUTFRAN the financial stresses and strains	Mike Harvey
Nov 84	7	EXECing in typed-in machine language programs Distributor/Column: Letters Subject: technique / utility Notes: patches to DOS to allow EXECing of long sequences	Chester H. Page
Nov 84	14	Coupon Distributor/Column: Feature Article Subject: home Notes: organize your coupons	Glenn Teman
Nov 84	24	Applesoft Bug Chaser Distributor/Column: Second Feature Subject: utility / debugger Notes: trace the value of a variable as the program runs	Doug Sprinkle
Nov 84	33	Machine Code Editor Distributor/Column: Apple Utilities Subject: utility Notes: easy data entry, disassembly, and memory examination	Lou Parada
Nov 84	45	CrossWind Distributor/Column: Education Corner Key Terms: football Subject: education / science / sports Notes: simulation of a field goal kick	Carl Fields
Nov 84	64	Software Volume Control Distributor/Column: Tips 'N Techniques Subject: sound Notes: control volume as well as pitch and sound	Phil Goetz
Nov 84	67	Auto Case Convert Distributor/Column: Tips 'N Techniques Subject: utility Notes: convert upper-case text to lower-case as it is printed	Bruce E. Howell
Nov 84	69	Composite Biorhythms Distributor/Column: Home/Personal Finance Subject: home / science Notes: track your biorhythms	Lee Banks
Nov 84	83	Part VI: The Editor Distributor/Column: Nibbling at Pascal Subject: tutorial / language / Pascal Notes: explore the editor and learn how to redirect input and output System: Apple Pascal	Stephen McRoberts

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 84	99	Nibble Golf Pro Distributor/Column: Featured Game Subject: simulation / sports Notes: play on your own computer golf course against up to four other players	Gary Knox
Nov 84	117	AppleWorks Distributor/Column: Apple Key Terms: /// E-Z Pieces Subject: integrated Notes: combines word processor, database, and spreadsheet / a perfect 5 Apple rating System: //e or //c Price: \$250	Lissner, Rupert / rb Leslie
Nov 84	120	Launching the ProDOS BASIC Interpreter Distributor/Column: Disassembly Lines Subject: technical Notes: plus answers to the DOSBug Quiz System: ProDOS 1.1	Sandy Mossberg
Nov 84	135	Statement of Ownership, Management and Circulation Subject: magazine Notes: 78441 paid	
Nov 84	147	Intermediate Apple II Handbook Distributor/Column: Howard W. Sams Subject: book / technical Notes: "hands-on aid for exploring the entire firmware of your Apple II" with machine language and assembly language programming Price: \$17	Heiserman, David L. / rb Ch
Nov 84	147	Apple BASIC: Data File Programming Distributor/Column: John Wiley Subject: book / programming Notes: a self-teaching guide Price: \$13	Finkel and Brown / rb Micha
Nov 84	148	All About Pascal (Call-A.P.P.L.E. in Depth, Number Two) Distributor/Column: A.P.P.L.E. Subject: book / Pascal Notes: a collection of programs and articles for Pascal programmers Price: \$20	edited by Ron DeGroat / rb
Nov 84	160	Lo-Res Pictures / Mini-Indi / Auditory Gem / Invert Hi-Res Picture Distributor/Column: One-Liner Winners Subject: demo / utility Notes: Shortest Input Anything / Hi-Res Art / Hi-Res Animation / Moire Patterns Mark Yannone / Philip Lee / Gerald Breux / Jack Fastag	Kevin Springle / Mark Routb
Dec 84	5	Moving: A Case Study in Change Distributor/Column: Editorial Subject: business / management Notes: an interesting study in how people react to change and how to manage changes	Mike Harvey
Dec 84	9 (	Using Pascal With One Drive on the Apple //e Distributor/Column: Apple Computer Subject: technique / Pascal Notes: step-by-step procedure	Lance Yanagihara
Dec 84	15	Nibble Stock Analyst Distributor/Column: Feature Article Key Terms: CURSOR.BAR Subject: investing Notes: portfolio evaluation	Jim Ganz
Dec 84	33	Ampergo Distributor/Column: Second Feature Subject: utility Notes: branch directly to labels instead of numbers	Cornelis Bongers

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 84	48	Math Concentration Distributor/Column: Education Corner Subject: education Notes: the popular game with a math drill embedded	Steven Wong
Dec 84	56	The Continuing Impact of Apple vs. Franklin Distributor/Column: Legal Bits Subject: law Notes: the effect on copyright protection	Thorne D. Harris III
Dec 84	62	Obelisk Distributor/Column: Featured Game Subject: arcade Notes: destroy the obelisks, dodge the flying saucers, then return to the mother ship System: paddle	Daryl L. Scott
Dec 84	78	Apple Via Video Distributor/Column: User Views Subject: video tutorial Notes: a new approach to learning about the Apple System: VCR	rb Fred Gebhart
Dec 84	80	RAM Reservation Center Distributor/Column: Apple Utilities Subject: technical Notes: change the ProDOS map to reserve memory to avoid conflicting usage System: ProDOS	Sandy Mossberg
Dec 84	95	Double Hi-Res Graphics V Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: shift horizontally on the double hi-res screen	Robert R. Devine
Dec 84	109	Applesoft FOR--NEXT Problem Distributor/Column: Tips 'N Techniques Key Terms: stack Subject: technique / bug Notes: an intermitten problem when RETURNing from inside a FOR/NEXT loop	Alan and Valerie Floeter
Dec 84	110	Hi-Res Characters Distributor/Column: Tips 'N Techniques Subject: utility / graphics Notes: duplicate the Apple's character set on the hi-res screen	Vinay, Vivek, and Vijay Pai
Dec 84	114	80-Column Catalog Distributor/Column: Tips 'N Techniques Subject: utility Notes: a patch for DOS 3.3 System: DOS 3.3	Robert C. Meltzer
Dec 84	120	Mortgage Calculator Distributor/Column: Home/Personal Finance Subject: finance Notes: how much will that mortgage cost?	Alan Stein
Dec 84	130	Capture II Distributor/Column: MacNibbling Subject: strategy / board (GO) Notes: a variation of the Chinese game Go System: Mac, MS-BASIC	Duff Caldwell
Dec 84	143	High Score Routine for Nibbler Distributor/Column: Inside Applications Key Terms: REM Subject: game / utility Notes: save high scores within the program	Dale Ward

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 84	160	Hi-Res Draw / Word Guess / Sly Testimonial / Characters to Tones Distributor/Column: One-Liner Winners Subject: demo Notes: Tranquil Display / Road Trip Cost / Resident Hex/Dec / Music Mystery James Moore / Paul Lu / Harold Portnoy / Kazumasa Matsuki	Jeff Bouril / Sylvia Monson
Jan 85	5	Time Flies When You're Having Fun! Distributor/Column: Editorial Subject: history / company (MicroSparc/Nibble) Notes: five years ago, MicroSPARC (and with it, Nibble) was born	Mike Harvey
Jan 85	11	Directly Saving a Long Block of Text Distributor/Column: Letters Subject: technique Notes: the trick is to insert appropriate data into the File Manager List at \$B5BB, and then call the File Manger	Chester H. Page
Jan 85	12	The Nibble Architect Distributor/Column: Feature Article Subject: architecture Notes: Design your furniture layout quickly and easily (4/86p6; 8/86p111; 2/88p12) System: Applesoft	Larry Morris
Jan 85	30	Power Key Distributor/Column: Second Feature Subject: macro utility Notes: define single keypress macros for simplified entry of commands System: S-C Assembler	Joe Brooks
Jan 85	50	Claustrophobia Distributor/Column: Featured Game Subject: arcade Notes: control aliens instead of destroying them	Rudy Guy
Jan 85	60	Solving Systems of Linear Equations Distributor/Column: Education Corner Subject: education / math Notes: solve systems of up to 70 linear equations System: Applesoft	William Davis
Jan 85	71	Calorie Counter Distributor/Column: Home/Personal Finance Subject: home Notes: count the calories of your meals and snacks System: Applesoft	Gary Knox
Jan 85	78	Applesoft Windows Distributor/Column: Tips 'N Techniques Subject: utility Notes: give your program the "Mac look" System: Applesoft	Michael A. Seeds
Jan 85	82	80-Column Screen Dump Distributor/Column: Tips 'N Techniques Subject: utility Notes: send the contents of the 80-column screen to your printer System: Applesoft	A. R. Clayton
Jan 85	84	Applesoft Execution Monitor Distributor/Column: Apple Utilities Key Terms: optimize Subject: utility Notes: shows which lines (in an Applesoft program) are executed most System: Applesoft / machine language	Gary A. Foote
Jan 85	92	Catalog Plus Distributor/Column: Apple Utilities Subject: utility / patch Notes: CATALOG files of a certain type or file that begin with a certain letter System: DOS 3.3	Bryan Costales

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 85	96	ProDOS BASIC's Global Page Distributor/Column: Disassembly Lines Key Terms: ONLINE Subject: technical Notes: learn how to execute ProDOS commands from assembly and add new commands System: ProDOS	Sandy Mossberg
Jan 85	115	MBASIC User Interface Distributor/Column: MacNibbling Key Terms: menu bar, pull-down menu, dialog box Subject: utility Notes: build a Macintosh interface within Microsoft BASIC System: Mac / Microsoft BASIC	Daryl L. Scott
Jan 85	124	MacPhone Distributor/Column: Intermatrix Key Terms: phone book, calendar Subject: telephone Notes: an automatic phone dialer with a number of attractive enhancements System: Mac Price: \$199	rb James Florini
Jan 85	146	Part VII: Arrays Distributor/Column: Nibbling at Pascal Key Terms: Labeler, Pascal Gradebook Subject: tutorial / language / Pascal Notes: a look at single and multi-dimensional arrays System: Apple Pascal	Stephen McRoberts
Jan 85	160	Dragon Curves / Dynamic Expression Execution / Mirror Screen Distributor/Column: One-Liner Winners Subject: demo / utility Notes: Geometric Patterns / Screen Dump / Text Animation / Empty Glass Philip Lee / Bruce Crown / Jeff Bouril / Armando Oscar Cavanha Filho	Gordon Stallings / Airy-Cha
Feb 85	5	Systems of Many Flavors Distributor/Column: Editorial Subject: computer systems Notes: our basic strategy is to ADD SUPPORT for new systems System: Apple / ProDOS / Mac	Mike Harvey
Feb 85	10	And Arnold Too Distributor/Column: Letters Subject: movie star Notes: Nibble Express appears in Terminator	Robert Wallis
Feb 85	10	Dictating Code Distributor/Column: Letters Subject: technique Notes: dictates code into his pre-DOS cassette recorder	Jeffrey Wisnia
Feb 85	12	Strange Behaviour Distributor/Column: Letters Key Terms: TRACE Subject: tip Notes: FLASH and NORMAL behave strangely in ProDOS and Catalyst on the Profile hard disk	Bob Devine
Feb 85	12	Strange Characters Distributor/Column: Letters Subject: bug Notes: lower-case inverse letters appear (but that's impossible)	Bob Devine
Feb 85	12	Deleting Unprintable CATALOG Entries Distributor/Column: Letters Subject: tip Notes: POKE -20964,218 will cause the CATALOG command to list the hex representation of the ASCII characters in the file names	Paul M. Hyman

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 85	111	Utilizing 40 tracks Distributor/Column: Letters Subject: technique Notes: INIT a 40-track disk System: DOS 3.3	Yin H. Pun
Feb 85	16	SPOOLER: a software print buffer system Distributor/Column: Feature Article Subject: utility Notes: SPOOLER will store printer output in the RAM card System: 64K	Ken Manly
Feb 85	33	Nibble Page Editor Distributor/Column: Second Feature Subject: utility / editor Notes: page-oriented editor will create and edit files containing up to eight screens each System: Applesoft	Bruce E. Howell, DDS
Feb 85	41	Perpetual Calendar Distributor/Column: Home/Personal Finance Subject: utility Notes: print a full page calendar for each month of any year since 1753 System: Apple / Mac (separate listings)	Neil Spindel
Feb 85	49	DB Master Version Four Distributor/Column: Stoneware Subject: data management Notes: DB Master has gone through several versions and remains a top contender Price: \$295	rb Alan and Valerie Floeter
Feb 85	52	Nibble 500 Distributor/Column: Featured Game Subject: arcade Notes: Race to glory in this Hi-Res action game	Mike Rohrer
Feb 85	63	COMTAB Distributor/Column: Tips 'N Techniques Subject: utility Notes: set your own customized TAB stops on the screen or printer System: DOS 3.3	Tim Kendrick
Feb 85	71	/RAM -- A Free RAM Disk for ProDOS Users Distributor/Column: Tips 'N Techniques Subject: tip Notes: ProDOS automatically gives you a RAM disk on a 128K //e or //c System: PRODOS	Aaron Messing
Feb 85	72	Teaching an Old DOS New Tricks Distributor/Column: Apple Utilities Key Terms: STAT, XBOOT, DISK PAD Subject: utility Notes: add interesting features to DOS 3.3 System: DOS 3.3	Sandy Mossberg
Feb 85	87	See Your Lawyer First Distributor/Column: Legal Bits Subject: law Notes: legal problems can best be avoided by consulting an attorney first / the cost of good legal advice initially is a bargain compared to litigation later	Thorne D. Harris III
Feb 85	89	Disk Lock Distributor/Column: Apple Utilities Subject: utility Notes: trick DOS 3.3 into believing that your disk is full so that no more files may be added System: DOS 3.3	Mark Steinborn

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 85	103	Trivia Distributor/Column: Mirage Concepts Key Terms: Trivial Pursuit Subject: brain game Notes: play your favorite board game on your computer System: Mac Price: \$50	rb Donald J. Rogers
Feb 85	105	Double Hires Graphics VI Distributor/Column: Graphics Workshop (final installment) Subject: tutorial / graphics / programming Notes: routines for vertical shifting System: Double Hi-Res	Robert R. Devine
Feb 85	144	HELLO / BOUNCE Screen Clearer / Hex-Dec ROM / Slide Show Distributor/Column: One-Liner Winners Subject: demo / utility / game Notes: Activate <DELETE> Key / Meterorites / Maze Generator Patrick Shea / Fernando Madrid / Matt Klimesh	Mark Ulmer / Kevin Springle
Mar 85	5	Nibble Sets Copyright Precedent Distributor/Column: Editorial Key Terms: Amtype Subject: law / software copyright protection Notes: Nibble wins lawsuit that sets a legal precedent in copyright protection	Mike Harvey
Mar 85	7	Type Control Characters directly into Applesoft REM statements Distributor/Column: Letters Subject: tip System: Applesoft	David Walsh
Mar 85	7 (	Interesting Applications of the Game Paddle Port Distributor/Column: Letters Key Terms: analog-to-digital, softswitch, annunciator outputs Subject: hardware / homebrew Notes: an addendum/correction to Peter Baum's October article	Frank Kuechmann
Mar 85	14	The Nibble Medic Distributor/Column: Feature Article Subject: medicine / data management Notes: keep family medical records	Mark R. Craven
Mar 85	33	Trivia Master Distributor/Column: Featured Game Subject: game / brain Notes: make up your own questions, then race against time for points	Scott C. Jackson
Mar 85	42	Tiny Compiler Distributor/Column: Second Feature Key Terms: transforms line number references into absolute address references Subject: utility / programming Notes: modify your Applesoft programs to run up to 20% faster	Mike Eve
Mar 85	58	AmperDHR Distributor/Column: Apple Utilities Subject: utility / graphics Notes: library of ampersand routines simulates Applesoft's normal commands System: 128K, double hi-res	Steven Meuse
Mar 85	72	ProDOS Cryptography Distributor/Column: Disassembly Lines Key Terms: encode, decode Subject: technical Notes: compact code prints messages for BASIC.SYSTEM System: ProDOS / BASIC.SYSTEM	Sandy Mossberg
Mar 85	82	Screen Spinner Distributor/Column: Apple Utilities Subject: technique / utility Notes: "spin" your message around the screen	Steven Kearns

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 85	89	Mini-Assembler Switch Distributor/Column: Tips 'N Techniques Subject: technique / programming Notes: access the mini-assembler in the language-card version of Integer Basic	Charles Gilbert
Mar 85	91	Text Ups and Downs Distributor/Column: Tips 'N Techniques Subject: utility Notes: scroll easily through text files under DOS 3.3 System: DOS 3.3	Chester H. Page
Mar 85	94	LUCK (lower to upper case) Distributor/Column: Tips 'N Techniques Subject: utility Notes: convert your program to all upper-case	Kirk Paterson
Mar 85	101	Selling Your Programs: the IRS BYTE Distributor/Column: Home/Personal Finance Subject: software development / tax Notes: understand tax implications of selling software	by Isaac Szlechter
Mar 85	105	CAT Graphics Distributor/Column: Penguin Subject: graphics / utility Notes: a package of add-in graphics routines for Applesoft programmers System: Applesoft Price: \$35	Shapiro, David / rb David M
Mar 85	109	SMOOTHALKER Distributor/Column: First Byte Subject: speech synthesis Notes: give voice to your favorite text file System: Mac Price: \$150	rb Donald J. Rogers
Mar 85	114	Part VIII: User-Defined Data Types Distributor/Column: Nibbling at Pascal Subject: tutorial / language / Pascal Notes: how to define your own data types System: Apple Pascal	Stephen McRoberts
Mar 85	119	Needle in the Haystack Distributor/Column: Paul's Little Nibbles Subject: novelty Notes: finds a sequence of characters in a screen of random characters System: Applesoft	Paul Raymer
Mar 85	144	Hi-Res Invert / Musical Characters / Kaleidoscope / Sort Distributor/Column: One-Liner Winners Subject: utility / demo Notes: Token Display / Music Command / Center Text J. Morris Prosser / Jose Feio / Steve Collins	Geoffrey Pike / Allen Chan
Apr 85	5	Nibble Mac: something new has been added Distributor/Column: Editorial Subject: publication / magazine Notes: a magazine within a magazine debuts System: Mac	Mike Harvey
Apr 85	8 (	Gripes With ProDOS Distributor/Column: Letters Subject: tip Notes: bug with THEN FLASH (use POKE 50,127) <CTRL><RESET> clears variables CHAIN ignores LOMEM	J.R. Wakefield
Apr 85	14	Apple Highways Distributor/Column: Feature Article Subject: home / education / geography Notes: find the shortest distance between two U.S. cities	Vic Hasselblad

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 85	24	Nibble Gas Miser Distributor/Column: Second Feature Subject: home Notes: track your gas mileage and display results graphically	Daniel E. Whitney
Apr 85	32	Idol of Monterey Distributor/Column: Featured Game Subject: fantasy Notes: the evil dragon has stolen the Idol of Monterey and you must get it back	Glenn Archer
Apr 85	43	ProDOS Date and Time Distributor/Column: Apple Utilities Subject: utility Notes: set the time and date without needing a clock card System: ProDOS	Cornelis Bongers
Apr 85	54	Input and Edit Distributor/Column: Apple Utilities Subject: utility Notes: use the ampersand routine to allow editing within the input field	Brian D. Smith
Apr 85	63	AppleWriter IIc Distributor/Column: Tips 'N Techniques Subject: word processor Notes: modify Applewriter IIe to work correctly on the IIc System: Applewriter IIe	Steven Meuse
Apr 85	69	Tool Kit Characters Distributor/Column: Tips 'N Techniques Subject: technique / programming Notes: use the Tool Kit character sets in your own programs System: Tool Kit	P.P. Ong
Apr 85	74	Beep Customizer Distributor/Column: Tips 'N Techniques Subject: tip Notes: change the bell and include the tone in your program	John Baumbach
Apr 85	79	Tape Lives! Distributor/Column: Electrovalue Industrial Subject: tape backup Notes: a new tape system to back up large amounts of data (30 MB)	rb Alexander Laird
Apr 85	82	Tiny Tic-Tac-Toe Distributor/Column: Paul's Little Nibbles Subject: strategy Notes: a real tic-tac-toe game for two players System: Applesoft	Paul Raymer
Apr 85	85	Apple Time Tutor Distributor/Column: Education Corner Subject: education Notes: let your youngster learn to tell time from your Apple	Frank Shirk
Apr 85	93	Block Shape Animation IX Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: a series of routines for single-byte block shapes	Robert R. Devine
Apr 85	101	Antitrust Distributor/Column: Legal Bits Subject: law Notes: it isn't just the big guys that need to worry about antitrust violations	Thorne D. Harris III
Apr 85	108	Radion Tyrant Distributor/Column: Nibble Mac Key Terms: black box Subject: strategy Notes: find the guards hidden in the Black Slab System: Mac, Microsoft BASIC	Duff Caldewey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 85	119	Mouse Stampede Distributor/Column: Mark of the Unicorn Key Terms: Centipede Subject: arcade Notes: use the mouse to battle the killer mice System: Mac Price: \$40	rb Donald J. Rogers
Apr 85	120	The Macintosh BASICS Distributor/Column: Apple / Microsoft Key Terms: structured programming Subject: language Notes: a comparison of Macintosh BASIC and Microsoft BASIC System: Mac Price: \$125 / \$150	rb Jan Harrington, Ph.D.
Apr 85	160	Computing PI / Roundabout Screen Clear / Easy Line Edit / Apple Win Distributor/Column: One-Liner Winners Subject: utility / game Notes: Scrolling Snake (or Slalom Skier) / Coin Toss / RESET 80-Columns Robert Nufer / Bob Poole / Glenn Smith	Garry Brettle / Chris Chris
May 85	5	The Mystery and Magic of Assembly Language Distributor/Column: Editorial Subject: language Notes: beginning a new column by Scott Zimmerman / why assembly language?	Mike Harvey
May 85	8	Broken Pin Solution Distributor/Column: Letters Subject: tip Notes: an easy way to prevent broken pins on the 16-pin connector (wire-wrap sockets)	Darrell D. Whitlock
May 85	9	Pascal Up and Down Arrows Distributor/Column: Letters Subject: technique Notes: use the arrow keys within the Pascal text editor System: Apple Pascal	Brother Joseph Lebon and Ca
May 85	9	More ProDOS Problems Distributor/Column: Letters Subject: bug / operating system Notes: a bug with the F parameter System: ProDOS 1.01 (fixed in 1.1.1)	H.R. McDonald
May 85	154	M/L Entry Aid Distributor/Column: Letters Subject: tip / programming Notes: you can use Apple Writer to enter machine language listings System: Apple Writer	Eugene W. Hungate
May 85	15	Applesoft Supercharger Distributor/Column: Feature Article Key Terms: output, input, chain, bit operations, bell tone Subject: programming / utility Notes: a library of ampersand routines	Thomas Bridgman
May 85	48	Banner Boss Distributor/Column: Second Feature Subject: home Notes: create your own custom banners	David W. Sigetich
May 85	56	Adventure Construction Set Distributor/Column: Featured Game Subject: adventure / programming Notes: design and program your own text adventures	Jenny Schmidt

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 85	76	Using Auxiliary Memory in the Apple IIe and IIc Distributor/Column: Disassembly Lines Subject: tutorial / technical Notes: how to use 128K, plus a tool to examine any portion of memory System: 128K	Glen Bredon
May 85	91	Magic Office System Distributor/Column: Artsci Subject: integrated Notes: package includes spreadsheet, word processor, spelling checker, graphics Price: \$295	rb Peter Callamaras
May 85	94	PAGE (Programmer's Aid for Graphic Entry) Distributor/Column: Apple Utilities Key Terms: HPLOTT Subject: utility / graphics Notes: save Hi-Res Pictures on disk (to be used later in your program)	David A. Krathwohl
May 85	102	Part I: Taking the HEX off Assembly Distributor/Column: Nibbling at Assembly Language Subject: tutorial / assembly language Notes: get started with a couple of Applesoft demonstration programs	S. Scott Zimmerman, Ph.D.
May 85	105	Universal Metric Conversion Distributor/Column: Home/Personal Finance Subject: science / home Notes: convert both English and metric-units	Lee Reynolds
May 85	108	A Better BASIC Assembler Distributor/Column: Inside Applications Subject: assembler Notes: add professional features to Nibble's BASIC Assembler	Albert C. Baker
May 85	141	ProDOS Mountain Clock Driver Distributor/Column: Tips 'N Techniques Subject: technique / clock Notes: read the Mountain Clock and store the time where ProDOS can find it System: ProDOS / Mountain Clock	Fred Tibbits
May 85	144	BOOT Message Maker Distributor/Column: Tips 'N Techniques Subject: utility Notes: display a message while your disk boots System: DOS 3.3	Doug Klimesh
May 85	114	Programmer's Calculator Distributor/Column: Feature Article Subject: utility / programming Notes: hex and decimal calculating System: Mac, Microsoft BASIC	David A. Krathwohl
May 85	119	Doubling Up On Print Routines Distributor/Column: Tips 'N Techniques Subject: technique / programming Notes: direct your output to the screen or the printer System: Mac MS-Basic	Alexander Laird
May 85	120	FACTFINDER Distributor/Column: MACWARE Key Terms: fact sheet, stack, index card Subject: data management Notes: a free-form data base lets you retrieve data with keywords System: Mac Price: \$150	Diezmann, Rudi / rb Bill O'
May 85	124	Pixel Printing Distributor/Column: Tips 'N Techniques Subject: technique Notes: precise screen placement of graphics and text characters System: Mac / Microsoft BASIC	Alexander Laird

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 85	160	3-D Hat / Rolling X / Audio Keyboard / NOTEPAD / Paddle Sound Ruti Distributor/Column: One-Liner Winners Subject: demo / utility Notes: Paddle Sounds / NEWUNDO (restore deleted program) / Hi-Res Fruit William Hensley / Michael Decker / Gerald Breaux	Thomas Morton / Bob KanzeIm
Jun 85	5	The Nibble Reader: vocal, influential -- unique! Distributor/Column: Editorial Subject: demographics Notes: reader survey results	Mike Harvey
Jun 85	7 (	ProDOS Stumbles Distributor/Column: Disassembly Lines / Letters Subject: bug / operating system Notes: certain information is not updated on BSAVES System: ProDOS	Sandy Mossberg
Jun 85	10	A More Random Random Distributor/Column: Letters Key Terms: randomize Subject: tip Notes: increase the number of seeds to 65636	Bob Duncan
Jun 85	14	Chart Manager Distributor/Column: Feature Article Subject: business graphics Notes: scatter plots, bar graphs and pie charts; plus statistical analysis	Mark Jeske
Jun 85	40	DOS Designer Distributor/Column: Second Feature Subject: utility Notes: change DOS commands, create own error messages, change volume heading System: DOS 3.3	James Patridge
Jun 85	61	The Value of VAL Distributor/Column: Tips 'N Techniques Subject: technique Notes: use VAL and MID\$ to help avoid input errors System: Applesoft	Kenn Chapman
Jun 85	62	DOS Without A Disk Distributor/Column: Tips 'N Techniques Subject: technique Notes: load DOS from tape after the fact System: DOS 3.3	Dayon Kane
Jun 85	64	Ants! Distributor/Column: Featured Game Subject: arcade Notes: gigantic ants are invading your backyard	Colin French
Jun 85	78	Block Shape Animation X Distributor/Column: Graphics Workshop Subject: tutorial / graphics / programming Notes: add an ampersand command interpreter to the block shape driver	Robert R. Devine
Jun 85	94	Programming the Applemouse II Distributor/Column: Apple Utilities Subject: technical / programming / mouse Notes: sample programs to get you started	Sandy Mossberg
Jun 85	102	Chicken Little's Typing Game Distributor/Column: Education Corner Subject: education / typing Notes: stop the letters falling from the sky	Greg Van Holland
Jun 85	106	MacSpace Distributor/Column: Featured Game Key Terms: Macintosh Midnight Madness Subject: arcade Notes: ward off the attacks of the Klaxxon starships System: Mac, Microsoft Basic	Microsoft Press

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 85	118	THINKTANK 512 Distributor/Column: Living Videotext Subject: outline processor Notes: work with idea structure by selecting information level to display System: Mac Price: \$245	rb Jan Harrington
Jun 85	126	Vigilant FID Distributor/Column: Tips 'N Techniques Subject: utility Notes: move FID to RAM card for speedy file manipulation	Donald W. Miller
Jun 85	138	Status Seeker Distributor/Column: Paul's Little Nibbles Subject: utility Notes: shows status of eleven program states System: Applesoft	Paul Raymer
Jun 85	139	ProDOS TYPE Command Distributor/Column: Apple Utilities Subject: utility Notes: dump an ASCII version of any file to any output device System: ProDOS / BASIC.SYSTEM	John R. Vokey
Jun 85	144	Part IX: Sets and Record Types Distributor/Column: Nibbling at Pascal Key Terms: sort Subject: tutorial / language / Pascal Notes: how records can be input, displayed, and sorted / a short, but functional database program System: Apple Pascal	Stephen McRoberts
Jun 85	160	3-D Figure / Driving Game / Jump Out / Applesoft ROM Examiner Distributor/Column: One-Liner Winners Subject: demo / game / utility Notes: Alarm Timer / Modify ROM / Typing Game Adam Finn / Bob Brownhill / Horacio Arevalo	Les Battyanyi / Tien Nguyen
Jul 85	5	The Apple II -- What Next? Distributor/Column: Editorial Key Terms: LAN Subject: computer / technology Notes: Apple intends to spread the Macintosh program philosophy to the Apple II	Mike Harvey
Jul 85	7	& RETURN to Monitor Distributor/Column: Letters Subject: tip Notes: & instead of CALL -151	Mathew Craig
Jul 85	8	Hidden ProDOS Gem Distributor/Column: Letters Key Terms: BYE Subject: tip Notes: an MLI command switches to another application System: ProDOS	Jawaid Bazyar
Jul 85	10	More ProDOS Bugs Distributor/Column: Letters Subject: bug / fix Notes: sometimes the program will hang after a CHAIN System: ProDOS	Oliver Mayes
Jul 85	11	80-Column Screen Saver Distributor/Column: Apple Subject: utility Notes: use a printer without destroying contents of the 80-column screen System: ProDOS Price: //e, //c	editors

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 85	14	The Navigator Distributor/Column: Feature Article Subject: utility / programming Notes: generates flowcharts of your program	Lee Swoboda
Jul 85	48	IRA Comparison Chart Distributor/Column: Home/Personal Finance Subject: home finance Notes: compare your return from your IRA with another investment	Alan H. Stein
Jul 85	52	Nibble Maestro Distributor/Column: Second Feature Subject: music Notes: play your Apple like a piano and save your creations	David L. Smith
Jul 85	62	Lightning Copy Distributor/Column: Apple Utilities Subject: utility Notes: copy disks quickly while controlling error handling	Todd J. Wood
Jul 85	75	Part II: Counting on Sixteen Fingers Distributor/Column: Nibbling at Assembly Language Subject: tutorial / assembly language Notes: hexadecimal and binary numbers / Apple Organ	S. Scott Zimmerman
Jul 85	87	The Garbageman Cometh Distributor/Column: Disassembly Lines Subject: technical Notes: garbage collection is faster and more efficient in ProDOS System: ProDOS BASIC	Sandy Mossberg
Jul 85	98	Super REM Remover Distributor/Column: Inside Applications Subject: utility Notes: remove REMs and combine lines	Valerie and Alan Floeter
Jul 85	138	Eye Openers Distributor/Column: Tips 'N Techniques Subject: utility / graphics / animation Notes: the opening iris effect	Iver P. Cooper
Jul 85	140	Imagewriter Screen Dump Distributor/Column: Tips 'N Techniques Subject: utility / printer Notes: dump either hi-res page in four different modes System: Imagewriter Tool Kit	Gerald Blalock
Jul 85	142	Decision Maker Distributor/Column: Tips 'N Techniques Subject: home / business Notes: set your priorities and make major decisions	Beirne L. Konarski
Jul 85	143	The Chopper Distributor/Column: Paul's Little Nibbles Key Terms: word wrapping Subject: novelty / utility Notes: print words on the screen without dividing them at the screen margin System: Applesoft	Paul Raymer
Jul 85	144	Who Owns the Copyright After Bankruptcy? Distributor/Column: Legal Bits Key Terms: public domain Subject: law Notes: after bankruptcy, a company's copyrights are not up for grabs	Thorne D. Harris
Jul 85	159	Tinier Tic-Tac-Toe / 3-D Globe (8/85,p10) / Blackjack / Frame for M Distributor/Column: Two-Liner Winners Subject: game / utility / demo Notes: Joystick Drawing Bernard Cena	Gerald Breaux / Roger Richl

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 85	160	Full Screen Editor / Whoop / Control Key Functions / Diagonal Drift Distributor/Column: One-Liner Winners Subject: utility / demo Notes: Ripples / Nibble Races Ahead / Dissolve (Page-Swapping) Bill Gallagher / Sandra Frierson / Colin French	F.H. Houang / Joseph Youngb
Jul 85	108	Window Dresser Distributor/Column: Feature Article Subject: utility / programming Notes: create window and dialog boxes with edit fields and buttons System: Mac, MBASIC	David Krathwohl
Jul 85	114	QuickDraw Part I Distributor/Column: Microsoft Press Subject: technique / book excerpt Notes: learn how to use QuickDraw routines in your programs (excerpted from Microsoft Machinations) System: Mac, Microsoft BASIC	Waite and Lafore
Jul 85	120	Macintosh Hard Disks Distributor/Column: various Subject: hard disk Notes: Mac hard disk systems have come a long way -- enough to go into office / Corvus, Davong, HyperDrive, Tecmar System: Mac	rb Vahe Guzelimian
Aug 85	5	Nibble Mac... The Magazine Distributor/Column: Editorial Subject: magazine Notes: Nibble Mac debuts in September as a full, stand-alone magazine System: Mac	Mike Harvey
Aug 85	9 (	ProDOS Debugged? Distributor/Column: Letters Subject: bug Notes: calls Mossberg and Bredon's problem a feature not a bug System: ProDOS	Cecil Fretwell
Aug 85	12	Executive Card File Distributor/Column: Feature Article Subject: data management Notes: an electronic index card file	Jim Ganz
Aug 85	40	ProDOS-DOS 3.3 Doubleboot Distributor/Column: Second Feature Key Terms: DOUBLER Subject: utility / disk Notes: boot ProDOS or DOS 3.3 from a single disk	Ken Manly
Aug 85	56	Nibble BlackJack: A Casino Simulation Distributor/Column: Featured Game Subject: game / strategy Notes: Las Vegas style blackjack	Jim Feehan
Aug 85	70	Inverse Keywords Distributor/Column: Apple Utilities Key Terms: debugging Subject: utility Notes: highlight specified keywords in Applesoft listings	Sandy Mossberg
Aug 85	84	Applesoft Screen Creator Distributor/Column: Apple Utilities Subject: utility Notes: create a text screen, then generate the Applesoft code	Grant Stevens
Aug 85	88	Control Character Detective Distributor/Column: Tips 'N Techniques Subject: utility Notes: display those hidden control characters in file names in inverse System: DOS 3.3	Michael Jay Head

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 85	90	Double Hi-Res Graphics For The Apple II Plus Distributor/Column: Tips 'N Techniques Subject: technique / graphics Notes: display double Hi-Res graphics without extra hardware System: Apple II Plus, monochrome monitor	Algis J. Matyckas
Aug 85	94	Part X: Variant Records Distributor/Column: Nibbling at Pascal Subject: tutorial / language / Pascal Notes: change the structure of a record while the program is running System: Apple Pascal	Stephen McRoberts
Aug 85	98	Dynamic Functions Distributor/Column: Education Corner Subject: technique Notes: convert input strings to functions and evaluate them	Glen Bredon
Aug 85	112	ASK-KEY Distributor/Column: Paul's Little Nibbles Key Terms: ASCII Subject: utility Notes: display the ASCII number of any key and the number needed to POKE it	Paul Raymer
Aug 85	114	QuickDraw, Part II Distributor/Column: Microsoft Machinations Subject: tutorial / graphics / programming Notes: mix text and graphics, create lines, and customize the QuickDraw pen System: Mac	the Waite Group
Aug 85	122	Mac Music Makers Distributor/Column: various Subject: music Notes: a variety of approaches to entering and playing music on the Mac 4-Voice, ConcertWare, MusicWorks, MacMusic System: Mac	rb Valerie and Alan Floeter
Aug 85	131	MBASIC Buttons Distributor/Column: Tips 'N Techniques Subject: technique / programming Notes: goof-proof user input with buttons System: Mac	Alexander Laird
Aug 85	143	The Mouse and the Cheese / DATA Generator / Transfer Hi-Res Pages Distributor/Column: Two-Liner Winners Subject: demo / utility	Gerald Breaux / Jim Sanders
Aug 85	144	Hi-Res Display / DOS 3.3 Room / Car On Roadway / <DELETE> is HOME Distributor/Column: One-Liner Winners Subject: demo / utility Notes: Hi-Res Gem / Mirror Page 1 / Line Address Roger Richley / Daniel Spielman / Kurt Olsen	Craig Anderson / Dave Tubbs
Sep 85	5	Managing In Tough Times Distributor/Column: Viewpoint Key Terms: size, scale, dinosaur theory Subject: management / business / industry Notes: a summer of bad news, but Nibble maintains (small can be beautiful)	Mike Harvey
Sep 85	9 (	Scientific Notation Distributor/Column: Letters Subject: tip / utility / math Notes: convert numbers in scientific notation to non-scientific notation	Chris Young
Sep 85	14	Nibble Desk Calendar Distributor/Column: Feature Article Subject: business / home Notes: record special days with a quick-reference desk calendar	Mark R. Craven

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 85	32	Penguin Distributor/Column: Featured Game Subject: arcade / strategy Notes: Sammy the Penguin has to fight off invaders on his tiny Arctic island	Steven Roth
Sep 85	36	Applesoft Tutor Distributor/Column: Second Feature Subject: utility / programming Notes: explanatory error messages for a hundred different errors System: Applesoft	Jan Harrington
Sep 85	58	Hex Sequence Finder Distributor/Column: Tips 'N Techniques Subject: utility Notes: run a speedy search of a specified sequence of hex code in memory	Frank Sweet
Sep 85	62	Failsafe INIT Distributor/Column: Tips 'N Techniques Subject: tip Notes: this utility displays the catalog before attempting INIT System: DOS 3.3	Larry Houston
Sep 85	64	The Serpent's Coil Distributor/Column: Education Corner Key Terms: weather Subject: education / science / meteorology Notes: track hurricanes	James R. Brown and A. Camer
Sep 85	78	Works For Hire Distributor/Column: Legal Bits Subject: law Notes: you've worked long and hard on that program, but is it really yours?	Thorne D. Harris
Sep 85	81	PRODOS Basic Buffer Management Distributor/Column: Disassembly Lines Subject: technical Notes: learn how to allocate file buffer space for machine language programs System: ProDOS	Sandy Mossberg
Sep 85	94	Part III: Speaking the Native Tongue Distributor/Column: Nibbling at Assembly Language Key Terms: memory, mnemonics, addressing modes Subject: tutorial / assembly language Notes: the building blocks of assembly language: opcodes and pseudo-opcodes / ASCII.DUMP	S. Scott Zimmerman
Sep 85	102	Subroutine Store Distributor/Column: Apple Utilities Subject: utility Notes: keep all your frequently use subroutines in one place System: Applesoft	Ron Sjolander
Sep 85	109	Random List Distributor/Column: Paul's Little Nibbles Subject: novelty Notes: a quick way to see the results of the SPEED command	Paul Raymer
Sep 85	127	Number Conversion / Sine Wave Plotter / View Disk Sector Distributor/Column: Two-Liner Winners Subject: utility Notes: Praising Nibble / Target Shooting Ken Flood, Jr. / Shawn Day	Adam Levin / Chia Cheng Kwa
Sep 85	128	Electronic Circuitry / Game of Life / Landscape at SunSet Subject: demo / utility Notes: Applesoft Program Length / Number Rounder / Underline Cursor James Sun / Peter Stegner / Lee Wee Meng	Mike Gaunt / Dennis Smith /

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 85	5	Apple //: The Option Engine Distributor/Column: Viewpoint Key Terms: obsolescence Subject: industry / computer Notes: the facts do not suggest the impending downfall of the Apple // line	Mike Harvey
Oct 85	7	Yet Another ProDOS Bug Distributor/Column: Letters Subject: tip Notes: ProDOS unable to handle certain tokens at beginning of line (like "/")	Cecil Fretwell
Oct 85	8	CONVERT's Extra Baggage Distributor/Column: Letters Subject: tip / utility Notes: CONVERT saved with an extra four blocks of code System: CONVERT	Andrew Phillips
Oct 85	9 (	Bug Wars Distributor/Column: Letters Subject: bug / feature Notes: No Cecil. It's a bug, not a feature (and here's why) System: ProDOS 1.1	Sandy Mossberg
Oct 85	14	Nibble Meterman Distributor/Column: Feature Article Subject: home Notes: tabulate your utility payments and graph them for easy cost analysis	Rudy A. Guy
Oct 85	40	Nibble Planetarium Distributor/Column: Education Corner Key Terms: point to a star and learn the name Subject: education / science / astronomy Notes: view the sky from any location in the Northern Hemisphere	Nelson R. Capes
Oct 85	56	Window Magic Distributor/Column: Second Feature Subject: utility / programming Notes: up to 255 Mac-like windows for your Apple II	Paul Nick
Oct 85	74	Text File Utility Distributor/Column: Apple Utilities Subject: utility / editor Notes: create and edit text files	Rudy A. Guy
Oct 85	81	Recovering Deleted ProDOS Files Distributor/Column: Apple Utilities Key Terms: EXHUME.FILE Subject: utility Notes: this utility and a small patch to ProDOS makes undeleting possible System: ProDOS	Sandy Mossberg
Oct 85	92	Spacecade Distributor/Column: Featured Game Subject: arcade Notes: dodge the meteor shower System: MacroSoft	Deverin Karol
Oct 85	102	Beating the System Distributor/Column: Tips 'N Techniques Subject: technique Notes: combine binary data and programs in an Applesoft program	Robert Devine
Oct 85	105	DOS Auto Name Distributor/Column: Tips 'N Techniques Subject: utility / patch Notes: use the "@" symbol in place of a file name System: DOS 3.3	Michael Sullivan

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 85	107	Countup Timer Distributor/Column: Tips 'N Techniques Subject: technique Notes: use graphics commands VLIN, HLIN, PLOT on the text screen	David E. Fahnestock
Oct 85	109	Investor Price File Editor Distributor/Column: Inside Application Subject: home finance / investing Notes: sort, delete, add records to the Investor's price files	Gerhald Hansel
Oct 85	116	Part XI: File Input and Output Distributor/Column: Nibbling at Pascal Subject: tutorial / language Notes: how to use Pascal I/O for more flexible programming and error handling System: Apple Pascal	Stephen McRoberts
Oct 85	143	Track/Sector Map / One Drive Disk Copier / 3-D Bars / Two Hi-Res Pa Distributor/Column: Two-Liner Winners Subject: utility / demo	Shaun Wexler / Kurt Witt /
Oct 85	143	Using WAIT for Timing Distributor/Column: Two-Liner Winners Subject: tip Notes: a table of delay values for X values of 1 to 255; JSR \$FCA8	Steven Meuse
Oct 85	144	Wallpaper / Memorize Nine Digits / Interlocking Circles / Hex Dump Distributor/Column: One-Liner Winners Subject: demo / education / utility Notes: Alternate Patterns Kevin Ediger	Bill Currie / Paul Phillips
Nov 85	5	Operating Systems... DOS 3.3 Lives Distributor/Column: Viewpoint Key Terms: ProDOS Subject: operating system Notes: introducing UniDOS 3.3 (DOS 3.3 for UniDisk 3.5)	by Mike Harvey
Nov 85	7	Powerless User Distributor/Column: Letters Subject: tip Notes: the fellow on the AppleWorks manual should plug in his monitor System: AppleWorks	by David R. Hill
Nov 85	8	Loop Extermination Distributor/Column: Letters Subject: tip / programming Notes: every now and then, Applesoft does some pretty crazy things System: Applesoft	Mark J. Yannone
Nov 85	14	Super Shopper Distributor/Column: Feature Article Subject: home / data management Notes: file your master shopping list and print out custom lists on demand	Steven and Marsha Meuse
Nov 85	34	Atlantic Convoy Distributor/Column: Featured Game Key Terms: two-player Subject: war / simulation / strategy Notes: put your navy against the enemy in a battle for the Atlantic	Brian J. Parry
Nov 85	46	Subroutine Master Distributor/Column: listing Subject: utility Notes: features two-way parameter passing, recursion, local variables System: Applesoft	Kaner and Vokey
Nov 85	76	Part IV: Picking the Apple's Brain Distributor/Column: Nibbling At Assembly Language Key Terms: load, store, compare, transfer, and branch codes Subject: tutorial / assembly language Notes: focus on data manipulation and processor status register / SOUNDER, KEY.COMPARE, HEX.DEC, ANIMATE.TEXT System: 65C02	S. Scott Zimmerman

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 85	91	Hi-Res Crunch-Decrunch Distributor/Column: Tips 'N Techniques Subject: utility / graphics Notes: compact your Hi-Res pictures for efficient disk storage	Richard Kiss
Nov 85	98	The Latest Legal News Distributor/Column: Legal Bits Subject: law Notes: copyrights, trademarks, tax strategies, advertising claims	Thorne D. Harris III
Nov 85	100	Direction Fields Distributor/Column: Education Corner Key Terms: wind direction, air flow Subject: education / math Notes: plot direction fields using the mathematical function you supply	Whitney Harris
Nov 85	104	ProSir (Semiultimate Input Routines) Distributor/Column: Apple Utilities Subject: utility Notes: control input using signal characters, and a phantom numeric keypad	Ken Manley
Nov 85	123	AppleSoft Cross Reference Distributor/Column: Apple Utilities Subject: utility / programming Notes: list references to line numbers, literal values and constants	Cecil Fretwell
Nov 85	131	Input Processing by ProDOS BASIC Distributor/Column: Disassembly Lines Subject: technical Notes: demystify the BASIC interpreter's handling of Applesoft input	by Sandy Mossberg
Nov 85	140	Funny Characters Appearing in CONVERT Distributor/Column: Ask Nibble Subject: tip Notes: Convert CONVERT to work with MouseText	Cecil Fretwell
Nov 85	140	Execute a program other than STARTUP upon booting Distributor/Column: Ask Nibble! Subject: tip / utility Notes: it's simple in ProDOS 1.1 or later System: ProDOS / Applesoft	Cecil Fretwell
Nov 85	140	AppleWorks Insufficient Room Distributor/Column: Ask Nibble! Subject: tip Notes: AppleWorks actually saves your file in a temporary file	Cecil Fretwell
Nov 85	142	ProDOS File Busy Distributor/Column: Ask Nibble! Subject: tip Notes: under ProDOS, you must CLOSE the file before DELETEing it	Cecil Fretwell
Nov 85	142	HTAB bug in 80-columns Distributor/Column: Ask Nibble Subject: tip / bug Notes: the HTAB is still buggy in enhanced ROM, use POKE 1403	Cecil Fretwell
Nov 85	158	Statement of Ownership, Management and Circulation Subject: magazine Notes: 95,259 paid	
Nov 85	159	Shifting Hi-Res Display / Starting Address and Length of ML program Distributor/Column: Two-Liner Winners Subject: demo / utility Notes: unNEW a program / Two Page Animation / Mandelbrot Set George Lai / Chris Halim / David Smith	Jeffrey Roy / John James

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 85	160	Alphabetize Names / Sketch Pad / EXEC DEF FN / Financial Calculator Distributor/Column: One-Liner Winners Subject: utility / demo Notes: Auto Line Numbering / Single-Step Disassembly Willard Roit / John Cleveland	Chris Crawford / Greg Ferra
Dec 85	5	The Franklin Ace 2000: A Phoenix Rising Distributor/Column: Viewpoint Key Terms: incompatibility Subject: computer Notes: the Franklin ACE 2000 is an impressive machine	Mike Harvey
Dec 85	7	Easy-entry Assembler Distributor/Column: Letters Subject: tip / assembler Notes: the return of the mini-assembler to ROM System: Apple //e enhanced	Mike Jetzer
Dec 85	7	Applesoft Machine I.D. Distributor/Column: Letters Subject: tip Notes: it is important to know which machine for using 80-columns or inverse	by Greg Ruffell
Dec 85	8	Programming Conventions Distributor/Column: Letters Subject: tip / programming Notes: a few subtle programming tricks separate a fine program from very fine	Kenneth Bucholz
Dec 85	9	Having Your /RAM and DHR too Distributor/Column: Letters Subject: tip / graphics Notes: using double Hi-Res graphics and the ProDOS RAM disk simultaneously	Apple Technical Support
Dec 85	14	Nibble Investment Advisor Distributor/Column: Feature Article Subject: investing Notes: calculate return on investment and track dividends	Robert Doelling
Dec 85	45	ProDOS Copy Command Distributor/Column: Second Feature Subject: utility Notes: add a COPY command to ProDOS for more efficient file manipulation	Ken Manley, Buffalo Chip So
Dec 85	66	Titan Cronus Distributor/Column: Featured Game Subject: arcade Notes: control thunderbolts and the chariot of Zeus to ward off attackers	William Pu
Dec 85	98	BASIC Disassembler Distributor/Column: Apple Utilities Subject: utility Notes: turn machine language code into symbolic source code	Garrett P. Smith
Dec 85	117	Part XII: Untyped File Input and Output Distributor/Column: Nibbling At Pascal Subject: tutorial / Pascal Notes: BLOCKWRITE and BLOCKREAD procedures speed up file input/output	Stephen McRoberts
Dec 85	124	Happy Birthday Distributor/Column: Home/Personal Subject: home / novelty Notes: serenade the birthday girl or boy on your Apple!	Jonathan Cohen
Dec 85	128	Anatomy of a Two-Liner Distributor/Column: Inside Applications Subject: technique Notes: construct clever mini-programs, learn good programming practices / 13 different games all written in only two games	H. David Jackson

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 85	133	Just WAITing Distributor/Column: Tips 'N Techniques Subject: tutorial / technique Notes: put the WAIT command to good use (with demonstration programs)	Mark R. Craven
Dec 85	137	Nibble Duet Distributor/Column: Tips 'N Techniques Subject: technique / music Notes: jazz up your Apple with two-voice sound	Douglas W. Jefferys
Dec 85	160	Running Automobile / hex-dec converter / Square Wave Synthesis Distributor/Column: One-Liner Winners Subject: demo / utility Notes: Interesting Displays / Snowflake / Reflex Test / Rotating Rectangles Chris Bare / Greg Varga / Max Raymond / Christopher Hogan	David Jackson / Chris Crawford
Sep 85	5	Our Goals: Value and Service Distributor/Column: Viewpoint Subject: magazine Notes: a continuous source of original, new programs	Mike Harvey
Sep 85	6 (	Nibble Mac Investor Distributor/Column: Feature Article Subject: finance Notes: track your stock market activities	Laird, Alexander
Sep 85	26	Pattern Designer Distributor/Column: Graphics Workshop Subject: utility Notes: this editor makes it simple to design patterns	Barger, Victor
Sep 85	34	Macgraph Distributor/Column: Second Feature Key Terms: from the book Macintosh Midnight Madness Subject: business graphics Notes: create line, bar and pie graphs	the Waite Group
Sep 85	52	Converting Applesoft to MS Basic Distributor/Column: Inside Applications Subject: language Notes: Applesoft can be translated to the Mac with a small effort	by Alan D. Floeter and Vale
Sep 85	64	QuickDraw part III Distributor/Column: Mac Tutorial Subject: tutorial / book excerpt Notes: from Microsoft Machinations, exploration of QuickDraw concludes	The Waite Group
Sep 85	70	Five Mac Databases: A Comparison Distributor/Column: various Subject: data management Notes: Helix, MacLion, Microsoft File, Omnis 3, Overvue	rb Vahe Guzelimian
Sep 85	79	Automatic Menu Reset Distributor/Column: Tips 'N Techniques Subject: utility / debugging	David Krathwohl
Sep 85	80	Peeking at the Mac Keyboard Distributor/Column: Tips 'N Techniques Subject: technical Notes: use <option>, <command>, and other keys to control input	by David Krathwohl
Nov 85	5	Small is Beautiful Distributor/Column: ViewPoint Subject: business Notes: the criteria we used to start Nibble Mac	by Mike Harvey
Nov 85	9	Nibble Mac File Cabinet Distributor/Column: Feature Article Subject: data management Notes: easy file setup and data entry, power search and reports	Caldewey, Duff

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 85	42	Microsoft BASIC Tricks Distributor/Column: Tips 'N Techniques Key Terms: get pictures in strings Subject: tip / programming Notes: print graphics to the printer, use INKEY\$ instead of INPUT	by the Microsoft staff
Nov 85	44	AutoLog Distributor/Column: Second Feature Key Terms: clock Subject: utility / technique Notes: track your Mac usage System: Mac	Eugenides, Jan
Nov 85	52	Jazz, Excel, and Crunch Distributor/Column: Lotus, Microsoft, Paladin Subject: spreadsheet Notes: spreadsheets powerful enough for the most demanding businessperson	rb Vahe Guzelimian
Nov 85	65	MacPascal Shell Distributor/Column: Inside Applications Subject: programming / technique Notes: create the Mac use interface from within MacPascal System: MacPascal	Benson, Linda
Nov 85	68	MS BASIC Toolbox Windows Distributor/Column: listing Key Terms: toolbox routines, eject routine, accurate timing Subject: programming / technique Notes: change window titles and sizes, erase the close box	Land, Bruce R.
Nov 85	74	StopWatch Distributor/Column: Tips 'N Techniques Key Terms: TIME\$, ON TIMER Subject: utility Notes: display lap times	Land, Bruce
Nov 85	79	Microindex - Mac edition Distributor/Column: Microindex Subject: index Notes: a comprehensive journal that indexes Mac articles, reviews, letters, etc.	
Jan 86	5	Elephants and Antelopes Distributor/Column: Viewpoint Key Terms: Creative Computing, Popular Computing Subject: business Notes: the opportunity wedge: opportunities are continually closing; but the wedge can be made to move by introducing new technology, creativity, and market product development	Mike Harvey
Jan 86	8	AppleWorks Text Conversion Distributor/Column: Letters Subject: word processing / technique Notes: how to convert AppleWriter DOS 3.3 files for use in AppleWorks	Larry Solomon
Jan 86	14	Turtle BASIC Distributor/Column: Feature Article Subject: graphics / programming Notes: add Logo-like commands to Applesoft for fast, easy turtle graphics programming	J.B. Ward
Jan 86	40	Nibble Calculator Distributor/Column: Second Feature Subject: math Notes: a full-function programmable scientific calculator	Newton Saiyuen Lee
Jan 86	56	Tank Combat Distributor/Column: Featured Game Subject: war game / strategy Notes: deadly tank combat vs. the computer System: Applesoft	Rudy A. Guy

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 86	71	ProCursor Distributor/Column: Tips 'N Techniques Subject: technique Notes: the old solid box cursor (or even choose another character) System: ProDOS	Jim Lazar
Jan 86	76	Display: A ProDOS VAR File Reader Distributor/Column: Apple Utilities Subject: utility Notes: view the contents of any VAR file (VAR files are disk files that contain the names and values of all real, integer, and string variables) System: ProDOS, Applesoft	Ken Man1
Jan 86	88	Baron Distributor/Column: Blue Chip Subject: simulation Notes: become a real estate baron Price: \$40	rb John DiPrete
Jan 86	88	I, Damiano Distributor/Column: Bantam Subject: adventure Notes: you are a wizard in search of the Sacred Stone Price: \$40	rb John DiPrete
Jan 86	89	Station Five Distributor/Column: MicroLab Subject: arcade Notes: four different arcade scenarios Price: \$20	rb John DiPrete
Jan 86	90	Wishbringer Distributor/Column: InfoCom Subject: adventure Notes: interactive fiction / you start as a postal clerk, then find yourself in a world of magic, mayhem, and mystery Price: \$40	rb John DiPrete
Jan 86	90	Felony! Distributor/Column: CBS Key Terms: Murder by the Dozen, Clue! Subject: mystery Notes: another fine mystery game Price: \$25	rb John DiPrete
Jan 86	91	Sundog Distributor/Column: FTL Subject: fantasy / adventure Notes: outstanding graphics in this space adventure Price: \$40	rb John DiPrete
Jan 86	91	Willy Byte in the Digital Dimension Distributor/Column: Data Trek Subject: arcade / education Notes: guides you through the major parts of your computer Price: \$40	rb John DiPrete
Jan 86	93	Part V: First Cousins Once Removed Distributor/Column: Nibbling at Assembly Language Key Terms: RAIN.ML, MSG.PRINT, AUTOTAB Subject: tutorial / programming Notes: 65C02 addressing modes, implementing arrays, printing messages, using ROM routines, and using the ampersand vector	S. Scott Zimmerman
Jan 86	109	ProDOS Directory List Distributor/Column: Tips 'N Techniques Subject: utility Notes: list all the files, including subdirectories, to a 40 or 80-column screen or printer	Keith Stattenfield

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 86	115	ProDOS Output Processing Distributor/Column: Disassembly Lines Key Terms: THEN FLASH bug Subject: technical Notes: BASIC interpreter's output handling routines, along with the relevant Applesoft output routines, are analyzed. A fix for a BI bug is provided	Sandy Mossberg
Jan 86	130	Nibble Light Pen Distributor/Column: Hardware Construction Project Subject: hardware / homebrew Notes: a light pen that is inexpensive and easy to construct Price: \$10	David Gauger, II
Jan 86	138	ProDOS Anomalies Distributor/Column: Ask Nibble Subject: tip / troubleshooting Notes: accessing ProDOS through assembly (different from DOS 3.3) / using HIMEM: with ProDOS	Cecil Fretwell
Jan 86	160	Message Display / DOS Command Catalog / Selective CATALOG Distributor/Column: One-Liner and Two-Liner Winners Subject: utility / demo Notes: Bouncing Ball / Conway's Game of Life Gene Masse / William K. Richards	Andrea Sigurdson / Eric Sny
Feb 86	5	Biting the Bullet Distributor/Column: ViewPoint Subject: industry / law Notes: lawsuits are becoming the fashion	Mike Harvey
Feb 86	8 (	ProDOS for Franklin Distributor/Column: Letters Subject: operating system / computer Notes: modifying ProDOS 1.11 or 1.0.1 to run on the Franklin Ace 1000 or 1200	Cecil W.J. Brower
Feb 86	8	Multilingual ProDOS Distributor/Column: Letters Subject: tip Notes: patching ProDOS to allow three more letters	Bo Jason, Sweden
Feb 86	14	Nibble Reminder Distributor/Column: Feature Article Subject: data management Notes: keep track of what you loan to others	Mark R. Craven
Feb 86	32	Quintic Distributor/Column: Featured Game Key Terms: AI Subject: strategy Notes: a strategy game which uses artificial intelligence techniques	James R. Geschwender
Feb 86	63	Auto Menu Distributor/Column: Second Feature Subject: utility / programming Notes: automatically generate a menu	Kenneth Penner
Feb 86	81	ImageWriter and Scribe Control Distributor/Column: Tips 'N Techniques Subject: utility / printer / technical Notes: set up a variety of typefaces	Terry Schwartz
Feb 86	88	Double Lo-Res Graphics from BASIC Distributor/Column: Tips 'N Techniques Subject: technique Notes: 16-color, 80 by 40 graphics System: IIc	Chris Schumann

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 86	90	How Far Can You Go? Distributor/Column: Legal Bits Subject: law Notes: a fine line between copying the 'idea' and the program itself	Thorne D. Harris III
Feb 86	94	Quick Calendar Distributor/Column: Home/Personal Subject: home Notes: print an entire year's calendar on one page	Don Maxwell
Feb 86	98	Double Hi-Res Characters Distributor/Column: Apple Utilities Subject: utility / graphics Notes: print DOS Tool Kit format characters on the double Hi-Res screen System: extended 80-column card (not for enhanced //e)	Kenneth Ono
Feb 86	108	Part XIII: UnitRead, UnitWrite, and Typed File I/O Distributor/Column: Nibbling At Pascal Subject: tutorial / Pascal Notes: directly access disk blocks; how to create a random-access record structure with typed file I/O	Stephen McRoberts
Feb 86	126	Read/Print ProDOS TEXT File Distributor/Column: Ask Nibble! Key Terms: AppleWorks Subject: utility Notes: reading a text file and sending it to a printer	Cecil Fretwell (with Ken Ka
Feb 86	126	Verifying Files Distributor/Column: Ask Nibble! Subject: tip Notes: use VERIFY to see if the file exists	Cecil Fretwell
Feb 86	128	Apple Identification Distributor/Column: Ask Nibble! Key Terms: ID Subject: technical Notes: machines and their identification bytes / inverse characters and assembly language with the enhanced //e	Cecil Fretwell
Feb 86	142	Premium or Regular / Road to the Stars / Leap Year / Word Processor Distributor/Column: One-Liner and Two-Liner Winners Subject: novelty Notes: Water Torture Goh Liang Woei	Ken McGuire / Jerry Wang /
Mar 86	5	Growth -- Death and Life Distributor/Column: ViewPoint Key Terms: panic Subject: business Notes: a quick market success leads management to believe that it must continue to grow dramatically or else it will lose market share, lose image, lose momentum / What About Apple?	Mike Harvey
Mar 86	6	Xerox Applewriter Distributor/Column: Letters Subject: word processing Notes: allows the printing of multiple copies System: WPL	John Gathright
Mar 86	14	Nibble Plotter Distributor/Column: Feature Article Subject: business graphics Notes: use your printer in character mode to produce professional graphs	Paul Sandorff
Mar 86	48	Mr. Ed Distributor/Column: Second Feature Subject: utility / program editor Notes: includes auto-numbering and line editing System: assembly (Merlin)	Kevin McCluney

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 86	64	That's Amazing Distributor/Column: Featured Game Subject: brain game Notes: find your way out of the maze using a map	James B. Purvis
Mar 86	75	Apple //c Keyboard Buffer Distributor/Column: Tips 'N Techniques Subject: utility Notes: add a 128 byte type-ahead buffer System: Apple IIc	Jerry Jongerius
Mar 86	77	Catalog Clock Distributor/Column: Tips 'N Techniques Subject: technique Notes: using your Thunderclock under DOS 3.3 System: Thunderclock	Philip Chien
Mar 86	80	Print Using for Scientific Notation Distributor/Column: Tips 'N Techniques Subject: utility Notes: convert any number into scientific notation	George W. Goth
Mar 86	82	Print Shop and the Newsroom Distributor/Column: Broderbund / Springboard Subject: publishing Notes: combine text and graphics and print the result Price: \$50 / \$60	rb Leslie R. Schmeltz
Mar 86	86	Guitar Chord Tutor Distributor/Column: Education Corner Subject: music / education Notes: learn to play guitar chords in 10-res	Michael F. Bakich
Mar 86	90	ProComRec Distributor/Column: Apple Utilities Subject: utility Notes: add mainframe-like command recognition and macro capabilities to ProDOS	John R. Vokey
Mar 86	100	ProDOS Basic Command Processing Distributor/Column: Disassembly Lines Subject: technical Notes: how command and pathnames are parsed, and how parameters and error conditions are handled	Sandy Mossberg
Mar 86	120	ProDOS problems with modem installed (try disabling interrupts) Distributor/Column: Ask Nibble! Subject: tip / troubleshooting Notes: detect locked files with VERIFY	Cecil Fretwell
Mar 86	122	Part VI: It All Adds Up -- Binary Arithmetic Distributor/Column: Nibbling at Assembly Language Subject: tutorial / assembly language Notes: add and subtract both eight-bit and sixteen-bit numbers / twos and ones complements, signed and unsigned numbers	S. Scott Zimmerman
May 75	137	Statement of Ownership, Management and Circulation Subject: magazine Notes: 93,212 paid	
Mar 86	143	Curtain / Calculate Hypotenuse / Triangles / Snake Game (5/86p9) Distributor/Column: One-Liner and Two-Liner Winners Subject: demo / technique Notes: Angle Guess Michael Howard	Blaine Deal / Lynn Hunsinger
Apr 86	5 (	Bonfire? Woodstove Distributor/Column: ViewPoint Subject: business Notes: two contrasting approaches in starting a business	Mike Harvey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 86	14	Movie Construction Set (MCS) Distributor/Column: Feature Article Subject: animation Notes: produce animated hi-res films	Mike Linkovich
Apr 86	54	AppleSoft Compare Distributor/Column: Second Feature Subject: utility / programming Notes: compare two Applesoft programs listing the numbers of missing, extra, and changed lines	Kirk Paterson
Apr 86	70	Find 'Em Distributor/Column: Featured Game Key Terms: Boggle Subject: word game Notes: a word search game	David J. Griggs
Apr 86	82	Instant Area Codes Distributor/Column: Home/Personal Subject: home Notes: find the area code of all states and selected cities	Ric Testagrossa
Apr 86	87	Take 1 Distributor/Column: Baudville Subject: animation / graphics Notes: create high-quality animation without programming	rb Colin French
Apr 86	90	65C02 Disassembler Distributor/Column: Tips 'N Techniques Subject: utility Notes: extends the Monitor's disassembler to include the entire 65C02 instruction set	David Compton
Apr 86	96	Move It Over Distributor/Column: Tips 'N Techniques Subject: tip Notes: ways to move the cursor horizontally across the screen: TAB, SPC, HTAB, POKE 36,x	Kenn Chapman
Apr 86	99	Hi-Res Page Two Text Distributor/Column: Tips 'N Techniques Subject: technique Notes: display text on either hi-res page	Clark S. Burdman
Apr 86	100	A Free Bucket of Bytes Distributor/Column: Tips 'N Techniques Subject: tip Notes: free up 595 bytes under DOS 3.3	Tim Kendrick
Apr 86	102	Software ROM Writer Distributor/Column: Apple Utilities Subject: utility Notes: move ROM code into RAM to change Applesoft commands, error messages, the sound of the bell, and more System: 64K	Curt Clifton
Apr 86	108	Beyond Copy Protection Distributor/Column: Legal Bits Subject: law / copy protection Notes: while software publishers feel that copy protection is essential, it has been a thorn in the side of legitimate users / issues and court rulings are discussed	Thorne D. Harris III
Apr 86	115	80 columns without clearing Distributor/Column: Ask Nibble! Subject: tip Notes: accessing memory on the 128K RAM card / printing problems with Crossword Magic and ImageWriter	Cecil Fretwell

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 86	128	Matrix Multiply / Machine Language and Shape Tables in DATA Stateme Distributor/Column: One-Liner and Two-Liner Winners Subject: technique / utility Notes: Hi-Res Copy Page 2 to 1 (8/86p111) / Appleflakes Mr. Sattak / Alan Thomas	Keith Tinkler / Gary Karcz
May 86	5 (	The Heisenberg Principle Distributor/Column: ViewPoint Key Terms: management directives Subject: business Notes: ask not only "what is going on?, but ask "WHY?"	Mike Harvey
May 86	8	RAM Conflict Coming Distributor/Column: Letters Subject: tip Notes: conflict between PinPoint and MacroWorks	Tom Smith
May 86	14	Disk Librarian Pro Distributor/Column: Feature Article Subject: utility Notes: make a master catalog file of your DOS 3.3, ProDOS, and Pascal files, then edit, sort, file, and print it using Librarian edit program or AppleWorks System: AppleWorks supported	Ken Manly
May 86	51	Super Sort Distributor/Column: Second Feature Subject: utility Notes: sort routine can rearrange up to eight tag-along arrays when it sorts the key array / demo program to deal bridge hands	Doug Sprinkle
May 86	67	On the Lam Distributor/Column: Tips 'N Techniques Subject: tip Notes: execute Monitor commands from within an Applesoft program	Mark R. Craven (and S.H. La
May 86	74	Notebook Filer / Friendly Filer Distributor/Column: Collamore / Grolier Subject: data management Notes: two easy-to-use, inexpensive database programs Price: \$51 / \$40	rb Laurence J. Johnson
May 86	78	Funny Face Distributor/Column: Education Corner Subject: education Notes: make lots of funny faces with color hi-res graphics	Stephen W. Smith
May 86	84	Assembler Cross Reference Subject: technical Notes: helps convert published assembly listings to work with other assemblers System: MicroSPARC, Merlin, Tool Kit, LISA, and S-C Macro Assemblers	Nibble Staff
May 86	87	Error Lister Distributor/Column: Tips 'N Techniques Subject: utility Notes: identifies Applesoft and DOS 3.3 errors and shows you the line number and statement that caused them	Charles Hill
May 86	90	/RAM Auto-loader Distributor/Column: Apple Utilities Subject: utility Notes: automatically load frequently used programs into /RAM System: 128K	Robert Heath
May 86	98	The Logical Choice Distributor/Column: Nibbling At Assembly Language Subject: tutorial / assembly Notes: 6502 bit-shift and logical instructions / APOCAL (Assembly Program Operation Calculator)	S. Scott Zimmerman

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 86	114	The CAT and CATALOG Commands Distributor/Column: Disassembly Lines Subject: technical Notes: examines CAT and CATALOG, gives a patch that displays file lengths, and shows how to access a ProDOS directory from Applesoft System: ProDOS	Sandy Mossberg
May 86	133	Garbage Collection Distributor/Column: Ask Nibble! Subject: tip Notes: why programs pause and how to prevent this	R.M. Freeman / Cecil Fretwe
May 86	133	Using ProDOS 1.1.1 on the Franklin Ace Distributor/Column: Ask Nibble! Subject: tip Notes: modifying the 1.0.1 patch	J.K. Appeldoorn / Cecil Fre
May 86	144	Conway's Life (10/86p123) / Keyboard Organ / Print Shop Envelopes Distributor/Column: One-Liner And Two-Liner Winners Subject: demo / utility Notes: lower case to UPPER CASE / Character Frequency Table Randall Erickson / Dave Sorkin	Dean Hickerson / Thomas Mck
Jun 86	5	Bridges... Working Smarter at Home and at Work Distributor/Column: Viewpoint Subject: business / computing Notes: the Apple // (and the Macintosh) are powerful tools for analysis and business decision-making in the home / The distinction between home and business use is blurring	Mike Harvey
Jun 86	8	POKE Alarm Distributor/Column: Letters Subject: technical Notes: POKE 36,x should never be used in standard 40-column mode (use 1403)	David T. Records
Jun 86	15	MicroScope Distributor/Column: Feature Article Key Terms: TRACE Subject: utility / debugger Notes: puts you in full control of your Apple, and gives you a closeup view of the action	Ong Tee Yong
Jun 86	46	Nibble DecisionMaker Distributor/Column: Second Feature Subject: management Notes: help you pick between two alternatives	Richard Schubert
Jun 86	62	Voratio Distributor/Column: Featured Game Subject: arcade Notes: control the awesome, ever-hungry worm	Darrell Fetzer
Jun 86	73	Micol BASIC Distributor/Column: MICOL SYSTEMS Subject: language Notes: bring the power of structured, compiled BASIC to your Apple System: ProDOS	
Jun 86	82	Auto Program Cleaner Distributor/Column: Tips 'N Techniques Subject: utility Notes: if your program is scrambled with a misdirected pointer, this utility can put things back in order	L. Glasser
Jun 86	84	Zot! Distributor/Column: Tips 'N Techniques Subject: technique Notes: hi-res shapes offer a number of advantages over HPLLOT commands	Tim Kendrick

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 86	86	The BASIC-Assembly Connection Distributor/Column: Tips 'N Techniques Subject: tutorial / programming Notes: direct machine language translations are presented for many commonly used Applesoft commands	Robert R. Devine
Jun 86	93	Refinance? Distributor/Column: Home/Personal Key Terms: loan, mortgage Subject: finance Notes: calculate vital information to help you decide if it's worth it to refinance	Ray Boehm
Jun 86	96	ProDOS Disk Validation Distributor/Column: Apple Utilities Subject: utility / disk Notes: figures out which disk blocks are good and which are not	Sandy Mossberg
Jun 86	102	Update: Recent Developments Distributor/Column: Legal Bits Subject: law / industry Notes: shrinkwrap licenses, child pornography, and new accounting methods	by Thorne D. Harris III
Jun 86	105	Part XIV: A Pascal DataBase Management System Distributor/Column: Nibbling At Pascal Key Terms: address labels Subject: tutorial / Pascal / data management Notes: a complete database that handles names, address and phone numbers and demonstrates a number of different types of file I/O	Stephen McRoberts
Jun 86	118	CardioVascular Fitness Lab Distributor/Column: HRM Software Subject: health / science Notes: use this software/hardware package to monitor your heart rate during physical exercise Price: \$165	rb Janet E. Meizel
Jun 86	128	Interrupts / Enhanced //e Distributor/Column: Ask Nibble Subject: technical Notes: how interrupts work / what is an enhanced //e? / color and memory expansion on the //e	Cecil Fretwell
Jun 86	143	One-Line Solutions Distributor/Column: One-Line Solutions Subject: utility Notes: screen dump / 40-column CATALOG / machine identity / valid file name check / looking for INPUT anything and DATE input routines	Nibble Staff
Jun 86	144	Jumping Jacks / Towers of Hanoi / Typing Game / Hi-Res Strings Distributor/Column: Two-Liner Winners Subject: demo / game	Keith Parker / Alfred Aenis
Jul 86	5	Piracy and Protection: The Pendulum Swings... Distributor/Column: Viewpoint Subject: industry Notes: the most recent swing is moving strongly towards deprotecting commercial software	Mike Harvey
Jul 86	14	Weather Station Distributor/Column: Feature Article Key Terms: CURSOR.BAR.III Subject: science / meteorology Notes: organize, chart and print reports of weather-related information	Mark R. Craven
Jul 86	56	Window Show Distributor/Column: listing Key Terms: menu Subject: utility Notes: control shadowed text window on the hi-res screen System: assembly (Lisa 2.5 format)	Stephen D. Lew

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 86	73	Word Elevator Distributor/Column: Education Corner Subject: education / game Notes: learning to alphabetize words is fun	Gary Knox
Jul 86	81	Paart VIII: The Best of Times (Binary Multiplication and Division) Distributor/Column: Nibbling at Assembly Language Key Terms: AMPER.TONE Subject: tutorial / assembly Notes: the intricacies of binary multiplication and division and a useful sound creation utility	S. Scott Zimmerman
Jul 86	94	Decimal Number Formatter Distributor/Column: Tips 'N Techniques Key Terms: PRINT USING Subject: utility Notes: create a column of numbers with all the decimal points aligned	Frank W. Sweet and John Fra
Jul 86	96	AppleVision Hi-Res Text Distributor/Column: Tips 'N Techniques Key Terms: Bob Bishop Subject: utility Notes: use simple PRINT commands to put characters on the hi-res screen	Kevin Knox
Jul 86	100	Amper Formatter Distributor/Column: Apple Utilities Subject: utility Notes: automatically performs word warp on both 40 and 80-column screens, page breaks, and lower to upper-case conversion	Howard Huang
Jul 86	106	MouseWord / MouseWrite / MultiScribe Distributor/Column: International Solutions / Roger Wagner / StyleWare Subject: word processor Notes: three mouse-based word processors Price: \$130 / \$125 / \$60	rb S. Scott Zimmerman
Jul 86	110	Variable String Buildup Distributor/Column: Ask Nibble! Key Terms: garbage collection Subject: technical Notes: Applesoft continues to add new strings without removing the old versions until the string area is about to overlap the variable or array storage area at the end of the program	Cecil Fretwell
Jul 86	110	Using A Modem Distributor/Column: Ask Nibble! Subject: modem / communications Notes: how to access a modem with Apple Writer // and Applesoft	Robert Russell Reed / Cecil
Jul 86	127	Day of Week and Date Interval / Halley's Comet / Paddle Bow-Ties Distributor/Column: One-Liner Winners Subject: utility / demo Notes: Space Cross / Base Converter Eric Holmen / Brad Pickering	Alan Bargender / W.J. Curri
Jul 86	128	Bank Street Writer / Dollars and Sense / Flight Simulator III Distributor/Column: The Nibble Hot List Subject: software Notes: Print Shop / Math Blaster / Pinpoint / the best selling software in 6 categories: Home/Office, Finance/ Accounting, Entertainment, Utilities, Education, Rising Stars	
Aug 86	5	Strategies In Conflict: Efficiency vs. Effectiveness Distributor/Column: Viewpoint Subject: business Notes: a myopic focus on efficiency alone or effectiveness alone means heavy risks	Mike Harvey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 86	7	Renumber Bug Distributor/Column: Letters Subject: utility / bug Notes: RENUMBER seems to treat all numbers directly following a multiplication sign as line numbers / bug fixed in newer versions System: DOS 3.3	Les Stewart
Aug 86	111	Hires Copy II Distributor/Column: Letters Subject: technique Notes: use the ROM routine at \$FE2C	Jeff A. Fidyk
Aug 86	112	The International Apple Distributor/Column: Letters Subject: hardware Notes: the Apple can use 240 volts by unplugging the voltage select wire inside the Apple's power supply	Maziar Manier, Australia
Aug 86	15	DiskovereR Distributor/Column: Feature Article Subject: utility / disk Notes: disk zap program with many features System: Big Mac.LC assembler	Bob Gardner
Aug 86	57	The Forms Shop Distributor/Column: Second Feature Subject: publishing Notes: create a variety of letterheads, forms, announcements, and invitations System: Epson, ImageWriter	Paul S. Dunseath
Aug 86	68	Krypto Distributor/Column: Featured Game Key Terms: MasterMind Subject: brain game Notes: challenge your powers of deduction	Brian Flynn
Aug 86	74	The Look and Feel of Software Distributor/Column: Legal Bits Subject: law / industry Notes: the traditional distinction between noncopyrightable ideas and copyrightable expressions may become hopelessly blurred	Thorne D. Harris III
Aug 86	78	Micol BASIC (a structured compiled language) Distributor/Column: Micol Systems Subject: language Notes: offers enhanced editing, increased execution speed, and additional program structures Price: \$50	rb Steven Schwarz
Aug 86	82	Screen Swapper Distributor/Column: Tips 'N Techniques Subject: utility Notes: swap either the text or hi-res pages	Gurdon E. Merchart, Jr.
Aug 86	84	Touch Tone Dialer Distributor/Column: Tips 'N Techniques Key Terms: telephone Subject: communications / technique Notes: tap into the touchtone network of services System: Micromodem //e	Alan H. Stein
Aug 86	86	The Investor Revisited Distributor/Column: Inside Applications Subject: investing Notes: five=level scaling for precision price sensitivity	Alexander Laird
Aug 86	88	Expanded ProDOS Catalog Distributor/Column: Apple Utilities Subject: utility Notes: view all the files in ProDOS directories and subdirectories	Ron Nocket

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 86	93	BSAVE and Friends Distributor/Column: Disassembly Lines Subject: technical Notes: the code for CREATE, BSAVE, BRUN, and BLOAD / a serious incompatibility between BASIC.SYSTEM 1.0 and BASIC.SYSTEM 1.1	Sandy Mossberg
Aug 86	114	AppleWorks formatted text / AppleWorks and Grappler Plus Distributor/Column: Ask Nibble! Subject: tip Notes: / upper-case restrict does not work on enhanced Apple //e (11/86p8)	Cecil Fretwell
Aug 86	114	Machine Language and the input buffer Distributor/Column: Ask Nibble! Subject: tip Notes: how to access the contents of the input buffer	James D. Chappell, Jr. / Ce
Aug 86	126	Predictor Software Distributor/Column: Computer Sports Network Subject: gambling Notes: ad	Jim Jasper
Aug 86	127	Full-Stop Shop / Projectile Motion / Calendar Printer / Rotate Cube Distributor/Column: Two-Liner Winners Subject: demo / utility Notes: String Finder Ken Jenks	Ben Sprey / Yosi Yayon / Al
Aug 86	128	PFS: Workmates / Dollars and Sense / Ultima IV / Print Shop Distributor/Column: The Nibble Hot List Subject: software Notes: Stickybear Opposites / Elite	
Sep 86	5	Nibble Software: "Half" Is More Distributor/Column: Viewpoint Subject: business Notes: Nibble programs have been combined in packages that place complementary programs on the same disk / the Short Ham Model: Action (policy) that was reasonable and appropriate for one set of circumstances can continue on after the original reason has disappeared and been forgotten	Mike Harvey
Sep 86	7	Remapping Page Zero Distributor/Column: Letters Subject: technical Notes: \$F9 is used by the ROT command / four reserved locations that were not used on the II Plus	William Richards
Sep 86	15	Universal Applesoft Distributor/Column: Feature Article Subject: utility Notes: write programs that will run without modification on any Apple II Plus, IIe, or IIC, with or without 80 column capability	Douglas C. Peterson
Sep 86	56	The Translator Distributor/Column: Second Feature Subject: foreign language / data management Notes: translate words, phrases and sentences from one language to another and back again	Ken Penner
Sep 86	70	Mathland Distributor/Column: Education Corner Subject: math (graphing) Notes: create an endless variety of 3-D hires graphics. Hidden lines are removed and the underside of the graphic is shown	Hap Gaylord
Sep 86	74	Part IV: The Real Thing (floating-point mathematics) Distributor/Column: Nibbling at Assembly Language Key Terms: CALCULATOR Subject: tutorial / assembly language Notes: use powerful Applesoft routines to handle floating point number from assembly language	S. Scott Zimmerman

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 86	92	DOS Tracer Distributor/Column: Tips 'N Techniques Subject: utility Notes: trace what the disk drive is doing as it whirrs and clatters while loading or saving a file	Philip Goetz
Sep 86	94	Word Count Distributor/Column: Tips 'N Techniques Subject: utility Notes: count the number of words in any sequential text file	George Bigelow
Sep 86	96	Sector Stretcher Distributor/Column: Apple Utilities Subject: utility Notes: get up to 45 more sectors on your DOS 3.3 disks	Christopher Bock
Sep 86	100	RAM Disk II Distributor/Column: Apple Utilities Subject: utility Notes: create a 16K RAM disk for DOS 3.3	Michael Harhen
Sep 86	104	The RAM Explosion Distributor/Column: various Subject: memory expansion Notes: nine RAM cards are compared	rb Steven Schwartz
Sep 86	115	Erased Program Distributor/Column: Ask Nibble Subject: tip Notes: Applesoft variables and hi-res graphics compete for the same memory space	Michael Stoner / Cecil Fret
Sep 86	115	FLASH Command on //e Distributor/Column: Ask Nibble Subject: tip Notes: FLASH only works on one of the two 40-column modes	Henry Nicklas / Cecil Fretw
Sep 86	115	Determining a ProDOS File Type Distributor/Column: Ask Nibble Subject: tip Notes: use the MLI call GET.FILE.INFO	Mike Salcido / Cecil Fretwe
Sep 86	127	Tantalus' Plight / Stars and Stripes / Identify Devices / Daisies Distributor/Column: One-Liner and Two-Liner Winners Subject: demo / utility	Dennis Spiegel / J. Stephen
Sep 86	128	AppleWorks / Dollars and Sense / Flight Simulator III / Print Shop Distributor/Column: The Nibble Hot List Subject: software Notes: Math Blaster / Chess Master 2000	
Oct 86	5	Apple IIGS Distributor/Column: Viewpoint / Apple Key Terms: Cortland, Mac Subject: computer Notes: Steve Wozniak's dream machine, the ill-fated //x, is now the Apple IIGS	rb David Szetela
Oct 86	15	Nibble Banker Distributor/Column: Feature Article Subject: home finance Notes: maintaining your checkbook has never been easier	Robert Devine
Oct 86	38	Disk Rescue Distributor/Column: Second Feature Subject: utility Notes: recover valuable data from a clobbered disk	Preston Black

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 86	68	Appleworks Plot Distributor/Column: Working Smarter Subject: business graphics Notes: use this utility with AppleWorks spreadsheet data to create graphs on the screen or printer	Werner Kubeika
Oct 86	79	The Strip Command Distributor/Column: Apple Utilities Key Terms: directory, subdirectory Subject: utility Notes: adding this ProDOS command makes prefix manipulation a lot easier	Sandy Mossberg
Oct 86	88	Ogre Distributor/Column: Origin Subject: war Notes: tank warfare set on the scarred battlefields of the 21st century Price: \$40	Meuse, Steve / rb Owen Linz
Oct 86	89	The Chessmaster 2000 Distributor/Column: Electronic Arts Key Terms: Bobby Fischer Subject: strategy / chess Notes: a very cooperative and competent opponent / comes with a library of 100 classic games Price: \$40	Software Country / rb Owen
Oct 86	90	Alter Ego Distributor/Column: Activision Subject: fantasy / psychology Notes: adopt the role of an imaginary person and live their life Price: \$50	Favaro, Dr. Peter / rb Owen
Oct 86	90	Where in the World in Carmen San Diego? Distributor/Column: Broderbund Subject: education / geography / mystery Notes: identify and track down a thief traveling across the globe Price: \$40	Bigham, Dane / rb Owen Linz
Oct 86	90	F-15 Strike Eagle Distributor/Column: MicroProse Key Terms: Top Gun Subject: flight simulator / arcade Notes: puts you in the cockpit of a modern jet warplane System: joystick Price: \$35	Synoski, Jim / rb Owen Linz
Oct 86	91	LifeStar Distributor/Column: Sir-Tech Subject: strategy / arcade Notes: a simulation of combat and conquest in the far reaches of the galaxy	Neurath, Paul / rb Owen Lin
Oct 86	92	The Iron-On Apple Distributor/Column: Home/Personal Subject: technique / T-Shirt Design Notes: create custom designed T-shirts using your Apple and a printer	Harry White
Oct 86	96	Past and Future Distributor/Column: Legal Bits Subject: law Notes: reflecting on the recent history of computer law	Thorne D. Harris III
Oct 86	99	DATA Writer Distributor/Column: Tips 'N Techniques Subject: utility Notes: makes adding machine language routines to your Applesoft programs easier than ever	Timothy J. Mann

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 86	101	Applesoft Hex/Dec Converter Distributor/Column: Tips 'N Techniques Subject: utility Notes: routines written in Applesoft	Jim Lazar
Oct 86	103	BASIC MouseText Distributor/Column: Tips 'N Techniques Subject: utility Notes: with IMBED installed, you can use the normal PRINT command to display MouseText characters	Leh Wah Yau
Oct 86	105	Building a RAM Disk Distributor/Column: Disassembly Lines Subject: technique / RAM disk Notes: the fine art of creating ProDOS RAM disks	Sandy Mossberg
Oct 86	114	Polar Plotter Distributor/Column: Education Corner Subject: math Notes: enter an equation in polar form and watch the results plotted on the hi-res screen	Mark Jeske
Oct 86	117	External Speaker Distributor/Column: Hardware Construction Project Subject: speaker Notes: inexpensive external speaker with volume control and a headphone jack	Lee Banks
Oct 86	120	Crunch! Distributor/Column: Inside Applications Subject: utility Notes: reduce the size and increase the speed of your programs with the combination of three Nibble programs and two Apple programs: Crunch, Applesoft Variable Cruncher, Applesoft Line-Cruncher, Applesoft Anti-Line Cruncher, APA, LOADAPA, RBOOT, RLOAD System: Apple Tool Kit	Mark J. Yannone
Oct 86	126	Seeding Random Numbers Distributor/Column: Ask Nibble Subject: tip	Loren Wright
Oct 86	126	Checking ESC Distributor/Column: Ask Nibble Subject: tip Notes: use the GET statement	Loren Wright
Oct 86	126	Apple //c Memory Map and Variable Handling Distributor/Column: Ask Nibble Subject: tip	Loren Wright
Oct 86	143	Intelligent Date Input / Display Print Shop Graphic Distributor/Column: Two-Liner Winners Subject: utility Notes: Hi-Res Character Maker / Screen CATALOG Alan Thomas / Robert Albright	Andre Bedard / Rafael Furst
Oct 86	144	AppleWorks / Dollars and Sense / Flight Simulator II / Print Shop Distributor/Column: The Nibble Hot List Subject: software Notes: Math Blaster / Certificate Maker	
Nov 86	5	Through the Looking Glass: the Apple IIGS Distributor/Column: ViewPoint Subject: computer Notes: the new generation of Apple II systems is here!	Mike Harvey
Nov 86	15	The Font Foundry Distributor/Column: Feature Article Subject: utility / character editor Notes: create your own Hi-Res character sets	Doug Hennig

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 86	50	Font Blaster Distributor/Column: Second Feature Subject: utility Notes: print Tool Kit characters on your ProWriter or ImageWriter or create your own custom printer characters System: DOS Tool Kit	Donald W. Miller
Nov 86	60	Statement of Ownership, Management and Circulation Subject: magazine Notes: 86615 total paid	
Nov 86	70	Othello & SeaWolf Distributor/Column: Featured Games Subject: strategy Notes: two hi-res games illustrate the use of Font Foundry System: uses Font Foundry (page 15 of this issue)	Doug Hennig
Nov 86	84	Sunrise, Sunset Distributor/Column: Education Corner Subject: education / science Notes: accurate sunrise, sunset and twilight calculations for nearly any time and place	Michael E. Bakich
Nov 86	90	Loan Payback Distributor/Column: Home/Personal Subject: finance Notes: a monthly payment schedule for loans for both interest and principle	Robert K. Klepac
Nov 86	100	PrintMaster Distributor/Column: Apple Utilities Subject: utility / printer Notes: a convenient method of entering and saving printer codes on disk	Loren W. Wright
Nov 86	112	Print Shop Utility Distributor/Column: Working Smarter Subject: graphics utility Notes: create Print Shop-compatible graphics from a portion of a Hi-Res screen System: Print Shop	Steve Armstrong
Nov 86	118	Hard Disks: the new wave Distributor/Column: various Subject: hard disk Notes: a comparison of four hard disks: Sider, ProAPP, MicroStor, QC	rb Owen Linzmayer
Nov 86	124	/RAM Fix Distributor/Column: Tips 'N Techniques Subject: tip / bug fix Notes: bug fix allows /RAM directories to be opened and read like other ProDOS directory files	Larry Beam
Nov 86	128	Auto Log-on Distributor/Column: Tips 'N Techniques Key Terms: macro Subject: communications Notes: a simple technique for creating automatic log-on sequences System: D.C. Hayes Micromodem	Fred V. Amundsen
Nov 86	130	Part X: Stacking the Deck Distributor/Column: Nibbling at Assembly Languge Subject: tutorial / assembly language Notes: learn to use the 65C02's stack as you create two short utilities that perform hex string searches in memory. Then use these techniques to build relocatable code	S. Scott Zimmerman
Nov 86	137	Determining the Type of a ProDOS File Distributor/Column: Ask Nibble! Subject: tip	Loren Wright

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 86	137	PEEKing at screen memory Distributor/Column: Ask Nibble! Subject: tip Notes: the ProDOS BASIC THEN FLASH bug / DOS 3.3 BRUN bug	Loren Wright
Nov 86	142	80-Column Flash Distributor/Column: Letters Subject: tip Notes: flashing in 80-column mode	Mark Smith
Nov 86	143	Quick Copyright Distributor/Column: Letters Subject: law Notes: putting a copyright notice into your program	Ingram McCallum
Nov 86	159	Date Input Anything / One-Character Keyboard Buffer / Bar and Pie C Distributor/Column: One-Liner and Two-Liner Winners Subject: utility Notes: Disk Head Mover (CLEANER) Joan Oliver	Robert Stong / Scott Elliot
Nov 86	160	AppleWorks / Dollars and Sense / Flight Simulator II / Print Shop Distributor/Column: The Nibble Hot List Subject: software Notes: Math Blaster / Certificate Maker	
Dec 86	5	The Productivity Appliance Distributor/Column: Viewpoint Key Terms: Macintosh Subject: technology Notes: the impact of big capacity hardware on software	Mike Harvey
Dec 86	6	Keyboard Scanner Distributor/Column: Letters Key Terms: PEEK(-16384) Subject: tip Notes: continuing a program until a certain key is pressed	Russ Forte
Dec 86	15	Formula Nibble Distributor/Column: Featured Game Key Terms: Niki Lauda, Mario Andretti Subject: arcade Notes: drive through the Grand Prix courses at Detroit, Montreal, and Monaco	Colin French
Dec 86	59	Split Personality Distributor/Column: Feature Article Subject: utility / technical Notes: set up your 128K Apple to act like two 64K Apples	John A. Oakey
Dec 86	78	AppleWorks Bar Charts Distributor/Column: Working Smarter Subject: technique Notes: create histograms from AppleWorks spreadsheet data	David Perlman
Dec 86	89	Secrets of AppleWorks Distributor/Column: Working Smarter Subject: tip Notes: little known shortcut commands	Nibble Staff
Dec 86	90	Rainbow Painter / Dazzle Draw / Blazing Paddles Distributor/Column: Springboard / Broderbund / Baudville Key Terms: MacPaint Subject: graphics / drawing Notes: three drawing programs that support color Price: \$35 / \$60 / \$50	rb Owen Linzmayer

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 86	94	Banner Maker Distributor/Column: Second Feature Subject: publishing Notes: print sideways banners	Glenn Teman
Dec 86	104	Screen Coder Distributor/Column: Tips 'N Techniques Subject: utility Notes: convert lo-res graphics screens to Applesoft plotting commands	Keith Stattenfield
Dec 86	110	Squishing the INT Bug Distributor/Column: Tips 'N Techniques Subject: bug Notes: INT command sometimes produces incorrect values System: Applesoft	William T. Peters
Dec 86	112	What's Your Applesoft IQ? Distributor/Column: Tips 'N Techniques Subject: programming Notes: a quiz	Robin Raygor
Dec 86	116	PinSetter Distributor/Column: Apple Utilities Subject: technical / utility Notes: examine and change IIC serial port settings	William H. Eburn, Jr.
Dec 86	124	BASIC Command PotPourri Distributor/Column: Disassembly Lines Subject: technical Notes: covers STORE, RESTORE, EXEC, PR#, IN# System: ProDOS BASIC Interpreter 1.1	Sandy Mossberg
Dec 86	134	problems with extra line feed on print Distributor/Column: Ask Nibble Subject: technique Notes: Convert Random Files from DOS 3.3 to ProDOS (3/87p8:Copy II Plus) using CAT with more than 20 files	Loren Wright
Dec 86	159	Multiple Windows / Checkbook Balancer / Unusual Hi-Res Display Distributor/Column: One-Liner and Two-Liner Winners Subject: novelty	Prem A. Nandwani / Sue Bran
Dec 86	160	AppleWorks / Dollars and Sense / Flight Simulator II / Print Shop Distributor/Column: The Nibble Hot List Subject: software Notes: Math Blaster / Walt Disney Comic Strip Maker	
Jan 87	5	Nibble at Seven Years... roots and blooms Distributor/Column: ViewPoint Subject: company / history Notes: as we begin a new year, it's interesting to pause to reflect on our roots	Mike Harvey
Jan 87	121	Applesoft ReREAD Distributor/Column: Letters Subject: tip Notes: simulating RESTORE linenum	E.J. Carter
Jan 87	121	Perfecting DOS 3.3 Distributor/Column: Letters Subject: tip Notes: making the last file name the default	Mike Wertheim
Jan 87	123	ProDOS /RAM Debugged Distributor/Column: Letters Subject: utility / bug fix System: ProDOS 1.1 and 1.1.1	Steven Humpage

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 87	10	Nibble's 1986 Software Excellence Awards Subject: software Notes: Flight Simulator II, Sticky Bears, Math Blaster, GPLE, Print Shop, Turbo Pascal, Multiscribe, Supercalc 3, AppleWorks, Smartcom, Dollars and Sense, Strike Eagle, Ultima IV	
Jan 87	14	Arcade Sound Editor Distributor/Column: Feature Article Subject: sound effects Notes: create two-pitch sound sequences and save them in convenient sound tables	Stephen H. Zimmerman and S.
Jan 87	46	Remote Control Apple Writer Distributor/Column: Working Smarter Subject: utility Notes: print WPL files showing embedded characters System: Apple Writer DOS 3.3	I. Larry Morris
Jan 87	56	Enhancing Appleworks Distributor/Column: various Subject: utility Notes: add-ons, applications, and accessories: Jeeves, Pinpoint, Fingertips, MacroWorks, AutoWorks, Sideways, FontWorks System: AppleWorks	rb Owen Linzmayer
Jan 87	62	StarLaser Distributor/Column: Featured Game Subject: arcade Notes: shown down Kloryon ships	S. Scott Zimmerman
Jan 87	70	Applesoft SQR Distributor/Column: Ask Nibble Key Terms: SANE Subject: language / bug Notes: Applesoft has limited precision when doing square roots	Roger Wagner
Jan 87	70	Reading Mouse Double-Clicks Distributor/Column: Ask Nibble Subject: technique / mouse	Roger Wagner
Jan 87	72	The Reviewer Distributor/Column: Education Corner Subject: education Notes: set up review questions	Rudy Guy
Jan 87	84	The Stepper Distributor/Column: Second Feature Subject: debugger Notes: step and trace through machine language programs System: Merlin Pro	Wayne Eastwood
Jan 87	100	ProDOS POSITION Command Distributor/Column: Tips 'n Techniques Subject: utility Notes: fixing a problem when using POSITION with fields of over 239 characters	Steven L. Birge
Jan 87	104	Part XI: Fumigating Apples Distributor/Column: Nibbling at Assembly Language Subject: technique / debugging Notes: tips and tools to track down bugs	S. Scott Zimmerman
Jan 87	110	Applesoft Band aids Distributor/Column: Apple Utilities Subject: language / technical / bug Notes: fourteen bugs in Applesoft are discussed (with nine fixes)	John R. Raines
Jan 87	143	Apple Macros / Ringed Planet / Marching Soldiers (4/87p127) Distributor/Column: One and Two-Liner Winners Subject: demo / utility	Bill Jetzer / Mark Moe / VI

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 87	144	AppleWorks, Dollars and Sense, Jet, Print Shop remain #1 Distributor/Column: Nibble Hot List Subject: software Notes: Math Blaster, Where in the USA is Carmen Sandiego?	
Feb 87	5	The Apple Enthusiast... a Nibble Reader Distributor/Column: Viewpoint Subject: magazine demographics Notes: common myths/misconceptions and realities about Apple enthusiasts	by Mike Harvey
Feb 87	6 (	A Random Walk Distributor/Column: Letters Subject: technique Notes: a linear or multiplicative congruential, pseudo-random number generator	Bernard Hayes
Feb 87	92	Valuable Advice on the GS Distributor/Column: Letters Subject: computer / tip Notes: observations and advice from a new IIGS owner: new GS vs upgrade, upgrading to ProDOS 1.2, running Pascal programs, Catalyst 3.0, mouse support, AppleWorks 1.3, Memory Expansion Card, Sony speakers, documentation	Sam L. Pemberton, Jr.
Feb 87	15	WindoWorks Distributor/Column: Cover Feature Subject: animation Notes: add animated windows to your Hi-Res screens, then incorporate animation modules in your own programs	Bob Thrasher
Feb 87	22	Financial Planning Packages Distributor/Column: various Subject: home finance Notes: Quicken, Dollars and Sense, Managing Your Money, Smart Money, On Balance, Personal Finance	rb Jan Eugenides
Feb 87	40	Financial Calculator Distributor/Column: Second Feature Subject: finance Notes: perform calculations for loans and savings	Richard R. Reed
Feb 87	44	The War on Clones Distributor/Column: Legal Bits Key Terms: Print Shop, VisiCalc, Mac interface, patent Subject: law Notes: recent decisions make it necessary to tread carefully when developing clones and related products	Thorne D. Harris III
Feb 87	50	Appleworks Client Billing Distributor/Column: Working Smarter Subject: business Notes: print bills from AppleWorks database records	A.R. Clayton
Feb 87	59	Surprise Attack Distributor/Column: Featured Game Subject: arcade (Missile Command) Notes: control a regional anti-ballistic missile base	Jeff G. Cox
Feb 87	62	Configuring Memory Distributor/Column: Ask Nibble Subject: technique Notes: configuring large Applesoft programs which use hi-res and shape tables	Roger Wagner
Feb 87	64	Making it Perfectly Clear Distributor/Column: Tips 'n Techniques Subject: tip Notes: smooth transitions from text to Hi-Res, Hi-Res to text, and from Hi-Res page 1 to Hi-Res page 2	Mark R. Craven

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 87	66	Machine Language Menu Master Distributor/Column: Tips 'n Techniques Subject: utility Notes: add AppleWorks-like menus to your machine language programs	Chris Meyer
Feb 87	68	ProDOS Spy Distributor/Column: Apple Utilities Subject: utility Notes: what machine language interface calls are used, which disk blocks are accessed, and where in Apple memory does disk information go?	Ken Manly
Feb 87	76	ProDOS BASIC Program Commands Distributor/Column: Disassembly Lines Key Terms: LOAD, SAVE, DASH, RUN, CHAIN Subject: technical Notes: the Applesoft program file commands in the BASIC Interpreter and a puzzling phenomenon	Sandy Mossberg
Feb 87	143	Extended CATALOG / Factors / Oval Diamond Distributor/Column: One-Liner and Two-Liner Winners Subject: utility / demo	Moy Wong / Alan Thomas / St
Feb 87	144	Bank Street Writer bumps AppleWorks / Hardball appears Distributor/Column: Nibble Hot List Subject: software Notes: Dollars and Sense, F-15 Strike Eagle, Print Shop, Math Blaster, Animate	
Mar 87	5	The Bureaucracy Monster Distributor/Column: ViewPoint Subject: industry Notes: creeping bureaucracy is having an increasing effect	Mike Harvey
Mar 87	12	Inverse, MouseText and Control-V's Distributor/Column: Letters Subject: tip Notes: customize Applesoft listings with control characters System: GPLE or GALE	James Faircloth
Mar 87	14	Garden Planner Distributor/Column: Cover Feature Subject: home Notes: lay out your garden row by row	Mark R. Craven
Mar 87	24	Spelling Checkers Distributor/Column: various Subject: spelling checker Notes: seven spell checkers compared: Webster's New World, Pinpoint Document Checker, Sensible Speller, Magic Words, Print Spelling Checker, MegaWorks, Haba Spell It	rb Owen Linzmayer
Mar 87	34	Apple Writer Date Patcher Distributor/Column: Working Smarter Subject: tip Notes: add date stamping to your Apple Writer files	Fernando Salazar
Mar 87	38	The Doughnut Grinder's Logbook Distributor/Column: Working Smarter Subject: home / health Notes: a template for cyclists, joggers, and swimmers to help monitor progress System: AppleWorks	Howard M. Adkins
Mar 87	46	Applesoft Windows Distributor/Column: Tips 'N Techniques Subject: utility Notes: 80-column windowing	Larry Abrams
Mar 87	50	Hi-Res SCRN Command Distributor/Column: Tips 'N Techniques Subject: utility Notes: a hi-res version of the lo-res SCRN command	Adam Coti

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 87	52	Ultra Fast Pix Distributor/Column: Second Feature Subject: utility / graphics Notes: save and retrieve Hi-Res screens at lightning speed	Charles H. Putney
Mar 87	60	Display Hi-Res Colors Distributor/Column: Ask Nibble! Subject: tip / graphics Notes: explaining the peculiarities	Roger Wagner
Mar 87	60	Hanging The Machine Distributor/Column: Ask Nibble! Subject: tip Notes: program overwrote the keyboard intercept routines	Daniel Veillette / Roger Wa
Mar 87	62	DOS Device Detective Distributor/Column: Apple Utilities Subject: utility Notes: device independent file handling System: DOS 3.3	John R. Vokey
Mar 87	70	Part XII: A Matter of Timing Distributor/Column: Nibbling At Assembly Language Subject: tutorial / assembly language Notes: count clock cycles and produce music	S. Scott Zimmerman
Mar 87	129	Printer Select / Program Addresses / Graphics Designs Distributor/Column: One-Liner and Two-Liner Winners Subject: utility / graphics	George Clark / Nir Nussbaum
Mar 87	130	GS Software Impact / AppleWorks back in first / Flight Simulator II Distributor/Column: Nibble Hot List Subject: software Notes: Dollars and Sense, Print Shop, Math Blaster, Tass Times in Tone Town	
Apr 87	5	Through the Mail... Rewards and Risks Distributor/Column: ViewPoint Subject: shopping / mail-order	Mike Harvey
Apr 87	7 (	No Room on the Bus Distributor/Column: Letters Subject: hardware / complaint Notes: Apple II's data bus is like a big yellow school bus - noisy	Tom Smith
Apr 87	11	enhanced IIe, text file transfer to Mac, Franklin vs Laser lawsuit Distributor/Column: Raw Data Subject: industry Notes: Macintosh II and Macintosh SE, 320 MB SCSI drive, Dark Lord, GraphicWriter	by Hartley Lesser
Apr 87	13	Might and Magic Distributor/Column: New World Computing Subject: fantasy Notes: the most detailed and complete of any universe we have seen Price: \$52	rb Neil Shapiro
Apr 87	92	Blue Powder, Grey Smoke Distributor/Column: Avalon Hill Subject: war Notes: simulation of the Civil War	Bosson, Ralph / rb Neil Sha
Apr 87	15	Get the Connection Distributor/Column: User Group Link Subject: user group Notes: The User Group Connection supports Apple user groups across the U.S.	Ellen Leanse
Apr 87	16	Tape Library Distributor/Column: Feature Subject: data management Notes: keep track of your audio and video tapes	Mark Devaney

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 87	24	DoubleDOS Distributor/Column: Cover Feature Subject: utility Notes: keep both DOS 3.3 and ProDOS in memory simultaneously	William Reynolds III
Apr 87	28	AppleWorks Investment Manager Distributor/Column: Working Smarter Subject: investing Notes: keep track of your investments	John N. Ruth
Apr 87	33	Walt Disney Comic Strip Maker Distributor/Column: Bantam Subject: publishing Notes: create comic strips featuring Disney characters	rb Owen Linzmayer
Apr 87	34	KIX Distributor/Column: Kyan Software Subject: operating system Notes: adds many features of UNIX Price: \$50	rb Owen Linzmayer
Apr 87	38	The Beagle Compiler Distributor/Column: Beagle Bros Subject: language Notes: convert Applesoft programs to run at lightning speed Price: \$75	Bird, Alan / rb Owen Linzma
Apr 87	39	Computereyes/2 Distributor/Column: Digital Vision Subject: digitizer Notes: new version of the video capture program Price: \$130	Bird, Alan / rb Owen Linzma
Apr 87	42	Barricade Distributor/Column: Featured Game Subject: strategy Notes: use a big claw to carry blocks into the hopper	Jim Ganz
Apr 87	44	Sending and Reading a list of characters from the & command Distributor/Column: Ask Nibble! Subject: technique Notes: pass variables from Applesoft to machine language	Roger Wagner
Apr 87	46	Simple Speller Distributor/Column: Education Corner Subject: education / spelling Notes: a simple spelling program for children	Rob Smythe
Apr 87	49	Density Drill Distributor/Column: Education Corner Subject: education / math Notes: three different kinds of density word problems	Michael L. Waugh
Apr 87	52	Pascal RAM Disk Distributor/Column: Tips 'N Techniques Subject: utility Notes: add a memory disk to the Pascal environment System: Apple Pascal	Thomas Malcolmson
Apr 87	57	Chameleon Distributor/Column: Tips 'N Techniques Subject: technique / graphics Notes: your Hi-Res pictures can change colors	Bob Sabiston
Apr 87	61	ProFre Distributor/Column: Apple Utilities Subject: utility Notes: adapts ProDOS garbage collection for DOS 3.3	Yvan Koenig

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 87	65	Developing a Library of Independent, Relocatable Subroutines Distributor/Column: Modular Assembly Language Programming Subject: tutorial Notes: a few simple rules	Bob Bishop
Apr 87	76	ProDOS BASIC TEXT File Commands Distributor/Column: Disassembly Lines Subject: technical Notes: explore the handling of text files under the ProDOS BASIC interpreter	Sandy Mossberg
Apr 87	145	Breakout / Reverse Picture / Morse Code / Random Fade Distributor/Column: One-Liner and Two-Liner Winners Subject: novelty	Greg Ferrar / David Lemm /
Apr 87	146	AppleWorks still rules / Karateka jumps to first / Copy II Plus top Distributor/Column: Nibble Hot List Subject: software Notes: J.K. Lasser's Income Tax dethrones Dollars and Sense Print Shop drops / Math Blaster / On Balance	
May 87	5	The Nibble Reader -- Apple Power Distributor/Column: ViewPoint Subject: demographics Notes: a profile of success	Mike Harvey
May 87	8	Whatever Happened to Softstrips? Distributor/Column: Cauzin Subject: technology Notes: suspended for the time being	
May 87	12	Franklin drops motion / Apple sales up Distributor/Column: Raw Data Subject: industry Notes: / Consulair Mac to IIGS C Compiler / The Third Apple by Jean Louis Gasse / IIGS System 1.1 (with AppleTalk access) / CMS Enhancement (mass storage for IBM, Mac, and Apple) / Shanghai, Award Maker Plus, FastPak MAIL, GameStar Football & Baseball Music Construction Set, DeluxePaint, Epyx, MultiScribe GS	Patricia Lesser
May 87	15	PHM Pegasus / Destroyer Distributor/Column: Electronic Arts / Epyx Subject: arcade / simulation Notes: interesting simulations of modern naval warfare	rb Neil Shapiro (After Hour)
May 87	17	Set the Agenda Distributor/Column: User Group Link Subject: business Notes: make that meeting a success	by Ellen Leanse
May 87	19	Dan Gorlin, programmer and innovator Distributor/Column: Interview With... Key Terms: Choplifter, Airheart Subject: interview	by Patricia Lesser
May 87	20	Outliner Distributor/Column: Cover Feature Subject: outliner Notes: organize your thoughts or your time	Royce D. Bacon
May 87	33	SuperCalc 3a / VIP Professional Distributor/Column: Computer Associates / ISD Subject: spreadsheet Notes: extra graphic display, lightning speed, greater data capacity Price: \$195 / \$250	rb Mike Markowitz
May 87	36	Write Correspondence System Distributor/Column: Working Smarter Key Terms: Rolodex Subject: word processing / utility Notes: WPL programs which make an automated address filer and letter writer System: Apple Writer	William Gillitt

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 87	40	Hi-Res Tricks Distributor/Column: Second Feature Subject: utility / graphics Notes: routines which give you a large palette of special effects	John Majka
May 87	49	Great Shapes Distributor/Column: Tips 'N Techniques Subject: technique / graphics Notes: implement more than one shape table	Mark Craven
May 87	52	Increasing Program Speed Distributor/Column: Tips 'N Techniques Subject: technique / programming Notes: speed up your Applesoft loops	James J. Forest
May 87	58	Apple X-Ray Distributor/Column: Apple Utilities Subject: utility Notes: reveal the memory configuration of your Apple	Bill Parker
May 87	60	Hide or Change the file type of a ProDOS directory file Distributor/Column: Ask Nibble Subject: technique / utility	by Jeff Crown / Roger Wagne
May 87	113	Tennis / Text Invaders / Potholes in Space / Scintillating Wonders Distributor/Column: One-Liner and Two-Liner Winners Subject: game / novelty	Horacio Arevalo / Greg Ferr
May 87	114	MultiScribe topples AppleWorks / Flight Simulator II ousts Karateka Distributor/Column: Nibble Hot List Subject: software Notes: Dollars and Sense, Print Shop, Where In the USA is Carmen Sandiego? unseats Math Blaster, GraphicWriter	
Jun 87	5	You Asked For It! Distributor/Column: ViewPoint Subject: magazine content Notes: Nibble responds to the reader survey	Mike Harvey
Jun 87	12	AST Computer Art Contest / Broderbund going public Distributor/Column: Raw Data Subject: industry Notes: Instant Pascal 1.5 / Buick Dimension disk / U.S. Robotics vs Hayes / DeluxePaint II, LifeGuard, Bard's Tale Clues, Phantasie III, Realms of Darkness, Talking Reader Rabbit, Switcher GS	Patricia Lesser
Jun 87	14	Portal Distributor/Column: Activision Subject: adventure / literature Notes: the computer age's first work of Literature	Swigert and Fregger / rb Ne
Jun 87	107	International Hockey / Marble Madness Distributor/Column: ArtWorx / Electronic Arts Subject: arcade / sports Notes: play hockey with a joystick	rb Neil Shapiro
Jun 87	107	Marble Madness Distributor/Column: Electronic Arts Subject: arcade Notes: not a perfect translation, but captures most of the feel of the coin-op	rb Neil Shapiro
Jun 87	16	Dan Pote, founder, Applied Engineering Distributor/Column: Interview with... Key Terms: Wozniak, radio-controlled airplanes Subject: interview Notes: the manufacturer of GS-RAM, RamWorks III, TransWarp, and Serial Pro describes how he got started	by Patricia Lesser

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 87	18	The Dealer Connection Distributor/Column: User Group Link Subject: business Notes: user groups want a positive relationship with dealers	Ellen Leanse
Jun 87	20	Applesoft Turbo Editor Distributor/Column: Feature Article Subject: program editor Notes: a full screen editor	Claude Leyo
Jun 87	44	Award Maker Plus / Certificate Maker Distributor/Column: Baudville / Springboard Subject: publishing Notes: create customized award certificates Price: \$40 / \$50	rb Owen Linzmayer
Jun 87	46	GraphicWriter Distributor/Column: DataPak Subject: word processor Notes: features full-color graphics and multiple fonts System: GS Price: \$150	rb Owen Linzmayer
Jun 87	49	Print Shop Slide Show Distributor/Column: Working Smarter Subject: utility / graphics Notes: scan through a disk of Print Shop Graphics	Mike Dorffler
Jun 87	54	Jogger Distributor/Column: Second Feature Subject: health Notes: track your jogging progress	Brian Flynn
Jun 87	62	Mousing Around Distributor/Column: Tips 'N Techniques Subject: technique Notes: error-free menu selections System: mouse or joystick	Kevin Garbelman
Jun 87	66	COPYA Enhancements Distributor/Column: Tips 'N Techniques Subject: utility Notes: add date and time stamping System: DOS 3.3	Andy Tuxen
Jun 87	68	Shark Distributor/Column: Featured Game Subject: education / math Notes: save the fish from the jaws of the shark	Steven Roth
Jun 87	72	Sparse Files Distributor/Column: Apple Tutorial Subject: technical Notes: learn about sparse files and get a handy utility that copies them System: ProDOS	Sandy Mossberg
Jun 87	89	Formatting ProDOS / Using MLI to access /RAM Distributor/Column: Ask Nibble! Subject: technique	Roger Wagner
Jun 87	89	Generating Non-Repeating Random Numbers Distributor/Column: Ask Nibble! Subject: technique Notes: free disk offer from Roger Wagner continues	Don Kauffman / Roger Wagner
Jun 87	90	Build a numeric keypad Distributor/Column: Hardware Construction Project Subject: homebrew Notes: using the game socket	Robert F. O'Brien

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 87	129	Phone Combos / LIST Lines / Date-Stamp Files / Remove Array Distributor/Column: One-Liner and Two-Liner Winners Subject: novelty / utility	Michael Parks / James Evans
Jun 87	130	Multiscribe remains on top / F-15 Strike Eagle Soars / On Balance s Distributor/Column: Nibble Hot List Subject: software Notes: Dollars and Sense, Print Shop, Where In the USA Is Carmen Sandiego, Bard's Tale II	
Jul 87	5	Calling All Apple IIIers Distributor/Column: various Subject: publication Notes: groups and publications for the Apple III System: Apple III	H. Joseph Dobrowolski (A3GI)
Jul 87	7	Apple Software Company (Claris) / Homeworke Distributor/Column: Raw Data Subject: industry Notes: National Special Education Alliance (NSEA) / HyperDrive FX/20 / B-24 / Dungeons and Dragons / Clip Art Gallery / Superstar Ice Hockey / ComputerEyes GS / Living Videotext	by Patricia Lesser
Jul 87	11	Applefest -- Phoenix Rising Distributor/Column: ViewPoint Subject: computer conference / festival Notes: Applefest has risen from the ashes	Mike Harvey
Jul 87	12	The Apple Avocation Distributor/Column: User Group Link Subject: user groups Notes: dedicated to the user group volunteers	Ellen Leanse
Jul 87	15	Black Magic Distributor/Column: Datasoft Subject: game / arcade / adventure Notes: there are always new surprises Price: \$19.95	rb Neil Shapiro
Jul 87	15	Starglider Distributor/Column: Firebird Subject: simulation / arcade Notes: excellent animated display	rb Neil Shapiro
Jul 87	112	The Elite Hint Book Distributor/Column: Cheatsheet Products Subject: hint book / simulation-arcade Notes: help for the Elite player	Palmer, David (rb Neil Shap
Jul 87	16	Doug Carlston, President, Broderbund Software Distributor/Column: Interview Key Terms: sports; Cathy, Doug, Gary, and Don Subject: interview / company Notes: how the company got started, the Broderbund logo, and how it operates today	by Patricia Lesser
Jul 87	19	Portfolio: taking stock of your investments Distributor/Column: Feature Article Subject: finance / investing Notes: track your stock portfolio System: Applesoft	Karl Johnson
Jul 87	40	Music Makers Distributor/Column: Electronic Arts / MindScape / Activision Subject: music Notes: Music Construction Set, Bank Street Music Writer, Music Studio	rb Steven Schwartz

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 87	48	ProDOS Free Spacer Distributor/Column: Tips 'n Techniques Subject: utility Notes: find the number of free blocks on any ProDOS volume System: ProDOS	Chris Meyer
Jul 87	52	MouseText Printer Distributor/Column: Tips 'N Techniques Subject: utility / screen dump Notes: send your screen, complete with MouseText, to your ImageWriter II System: MouseText / Applesoft	Shane Keyser
Jul 87	56	Learn the U.S.A. Distributor/Column: Education Corner Subject: education Notes: use a hi-res map of the US to learn the states and capitals System: Applesoft	Larry Sage
Jul 87	60	The 5-Minute Financial Planner Distributor/Column: Working Smarter Subject: accounting / finance Notes: balance your income against your expenses System: AppleWorks	Howard Adkins
Jul 87	62	Enterspeed Distributor/Column: Second Feature Subject: utility / programming Notes: reduce keystrokes for entering a BASIC program / up to 27 Applesoft commands can be replaced with letter codes System: Applesoft	Harold S. Balaban
Jul 87	72	Arrays In Wonderland Distributor/Column: Apple Utilities Subject: utility Notes: change the size of Applesoft arrays on the fly System: Applesoft / Merlin	Paul Nick
Jul 87	80	Introducing the IIGS System Monitor Distributor/Column: Disassembly Lines Subject: technical / tutorial Notes: a description of the IIGS Monitor and its commands System: GS	Sandy Mossberg
Jul 87	90	How to pass data from a machine language program to Applesoft Distributor/Column: Ask Nibble! Subject: technique System: Applesoft / assembly	Hershael Spuckey / Roger Wa
Jul 87	92	IIGS and Old Programs Distributor/Column: Letters Key Terms: Formula Nibble Subject: tip Notes: GS default display mode incompatible with certain programs (turn on alternate display mode) System: GS	C.L. Graves
Jul 87	93	Street Electronics Delivers Distributor/Column: Letters Key Terms: Serial BusinessCard Subject: company / support Notes: a story with a very happy ending	by William Todd South
Jul 87	107	The Tao of Programming Distributor/Column: InfoBooks Subject: book / programming Price: \$7.95	

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 87	128	Mini-Race / Find Mouse / Permutations and Combinations / Screen Bor Distributor/Column: Two-Liner Winners Subject: novelty / utility	Horacio M. Arevalo / Benjam
Jul 87	130	Bank Street Writer unseats MultiScribe / On Balance moves up Distributor/Column: Nibble Hot List Subject: software Notes: F-15 Stike Eagle burns, Bards Tale II, Animate show up / Dollars and Sense, Flight Simulator II, Print Shop, Where in the USA is Carmen Sandiego?, Airheart are on top	
Aug 87	7	Apple Income / Apple Computer Clubs International merit competition Distributor/Column: Raw Data Subject: industry Notes: IIGS third party support / Broderbund value-priced software / Video Title Shop companion software / DeLuxePaint II for GS / Rebel Charge at Chickamauga	by Patricia Lesser
Aug 87	11	Piracy in the Public Domain Distributor/Column: ViewPoint Subject: software / law Notes: unauthorized copyrighted programs are being distributed as PDS	Mike Harvey
Aug 87	12	Spreading the Word Distributor/Column: User Group Link Key Terms: BBS, hotline, newsletters Subject: support Notes: the main role of any user group is the gathering and dispersal of information	Rudy A. Guy
Aug 87	15	Russia Distributor/Column: Electronic Arts Subject: war Notes: a spreadsheet of history	Strategic Studies Group / r
Aug 87	109	The Monster Movie Game Distributor/Column: Epyx Subject: arcade / strategy Notes: rewritten update of Crush, Crumble, and Chomp System: 128K, joystick recommended Price: \$40	rb Neil Shapiro
Aug 87	110	Accolade's Comics Distributor/Column: Accolade Subject: arcade Notes: combines adventure and arcade aspects with comic book graphics Price: \$35	rb Neil Shapiro
Aug 87	16	Nibble Clip Art Distributor/Column: Cover Feature Subject: graphics / utility Notes: create, capture, combine, edit and add special effects to mini-graphics System: Print Shop compatible	Robert C. Moore
Aug 87	48	Let Your Apple Do The Talking Distributor/Column: various Subject: communications Notes: ASCII Express, MouseTalk, CommWorks, Modem Mgr, Point-to-Point	rb Steven Schwartz
Aug 87	60	MPG Works Distributor/Column: Working Smarter Subject: home Notes: calculate your gas mileage System: AppleWorks spreadsheet	David Griggs
Aug 87	64	NFL Line Distributor/Column: Second Feature Subject: sports / gambling Notes: predict the results of NFL Football games	Rudy A. Guy

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 87	72	The Difference between an un-enhanced Apple IIe and an enhanced IIe Distributor/Column: Ask Nibble! (Roger Wagner) Key Terms: MouseText Subject: technical Notes: four chips: 6502, character generator, two Monitor ROMs	qb Michael J. Johnson
Aug 87	74	Poor Man's Line Editor Distributor/Column: Tips 'N Techniques Subject: editor Notes: remove unwanted spaces with Apple's built-in ESC mode editor	Robert E. Thrasher III
Aug 87	76	ProDOS Fast File Search Distributor/Column: Apple Utilities Subject: utility Notes: find strings up to 32 characters long in any ProDOS file	Kenneth L. Kashmarek
Aug 87	82	Part XIII: If My Memory Serves Me Right Distributor/Column: Nibbling At Assembly Language Key Terms: bank switching Subject: tutorial / technique Notes: learn how to use soft switches and routines to program auxiliary memory	S. Scott Zimmerman
Aug 87	112	Screen Dump for Super Serial Card Distributor/Column: Letters Subject: tip Notes: software is needed; try the ImageWriter Screen Dump (v6n7)	G.E. Ball / Stephen J. Kunz
Aug 87	128	Simon / Mathland II / Fountain / "Quotation Marks" Distributor/Column: One-Liner and Two-Liner Winners Subject: game / novelty	James Beam / Juan Pablo Vel
Aug 87	130	AppleWorks struggles back on top / Bard's Tale II moves to first Distributor/Column: Nibble Hot List Subject: software Notes: Dollars and Sense, Copy II Plus unseats Print Shop, Where in the USA is Carmen Sandiego, Family Feud	
Sep 87	7	MicroProse to change name / Game Chopped Distributor/Column: Raw Data Subject: law Notes: Data East obtains an injunction against Epyx's World Karate Championship / Broderbund (Print Shop) sues Unison (PrintMaster) / Claris formed / PaintWorks Plus, Draw Plus, Writer's Choice Elite / Maniac Mansion / Tower of Myraglen / Video Titles Shop, Alternate Reality, Force 7, Bismarck, Tobruk, Dark Lord / Earl Weaver Baseball	by Patricia Lesser
Sep 87	11	New Nibble SUPER-DISKS Distributor/Column: Viewpoint Subject: software Notes: disks doubled and prices lowered	Mike Harvey
Sep 87	12	The Burnout Syndrome Distributor/Column: User Group Link Key Terms: SIG Subject: user groups Notes: the agony and ecstasy of founding and running user groups	Rudy A. Guy
Sep 87	15	President Elect Distributor/Column: Strategic Simulations Subject: simulation / politics Notes: run a presidential campaign	rb Neil Shapiro
Sep 87	15	Earth Orbit Stations Distributor/Column: Electronic Arts Subject: sci-fi / strategy Notes: up to four players build space stations	rb Neil Shapiro

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 87	15	DarkHorn: Realm of the Warlords Distributor/Column: Avalon-Hill Subject: strategy / arcade / war Notes: assail and protect castles, with up to four player simultaneous action	rb Neil Shapiro
Sep 87	16	Neal Amsden, Apple Software Evangelist Distributor/Column: Interview with... Key Terms: Guy Kawasaki, Acius, GS Subject: interview	by Patricia Lesser
Sep 87	19	Type-Right Distributor/Column: Cover Feature Subject: utility Notes: intercept Applesoft errors while typing in program lines System: assembly	Grant Stevens
Sep 87	44	Science Toolkit Distributor/Column: Broderbund Subject: education / science Notes: turns the Apple into a sophisticated measuring device for scientific experiments Price: \$70 (\$40 for Mods 1 and 2)	rb Philip Ingber
Sep 87	46	Stickybear Word Problems Distributor/Column: Weekly Reader Software Subject: education / math Notes: practice math word problems Price: \$40	rb Philip Ingber
Sep 87	47	Rosie, The Counting Rabbit Distributor/Column: D.C. Heath Key Terms: Explore-a series Subject: education / math Notes: introduces the student to numbers and counting while motivating the child to read on	rb Philip Ingber
Sep 87	49	Ace Detective Distributor/Column: MindPlay / Methods & Solutions Subject: education / game Notes: a detective simulation game Price: \$40	rb Philip Ingber
Sep 87	50	GS Apple Writer Distributor/Column: Working Smarter Subject: patch / word processor Notes: update Apple Writer to print from the GS printer port	Fernando Salazar
Sep 87	54	AppleWorks MidTerm Reports Distributor/Column: Working Smarter Subject: education / technique Notes: report cards that combine grade data and personalized letters	Harold Shuckhart
Sep 87	58	Program Proofreader Distributor/Column: Tips 'N Techniques Subject: utility Notes: list your program one line at a time for comparison with printed listing	Tom Wayne
Sep 87	62	Wipe-Outs Distributor/Column: Tips 'N Techniques Subject: utility Notes: ten snazzy subroutines to clear the text screen	David Sigetich
Sep 87	64	Assembler Cross-Reference Distributor/Column: Tips 'N Techniques Subject: technical Notes: the pseudo-opcode dialects of five popular assemblers System: MicroSparc, Merlin, DOS Tool Kit, LISA, S-C Macro, ORCA/M	

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 87	68	Determining what disk drives are attached Distributor/Column: Ask Nibble (Roger Wagner) Subject: technique System: ProDOS	Archie Walsh
Sep 87	68	Telling Printers to Print in Color Distributor/Column: Ask Nibble (Roger Wagner) Key Terms: control codes Subject: technique System: ImageWriter II	Robert L. McGuire
Sep 87	71	Text Sculpture Distributor/Column: Second Feature Subject: printer utility Notes: turn text into decorative designs	John A. Beltrami
Sep 87	86	The Monitor Demystified Distributor/Column: Apple Tutorial Subject: tutorial / technical Notes: the basics of assembly language and the System Monitor	Steve Sarsfield
Sep 87	90	ProDOS QUIT Code Distributor/Column: Disassembly Lines Subject: technical Notes: a nimble program selector	Sandy Mossberg
Sep 87	110	MouseText on the IIGS Distributor/Column: Letters Subject: tip Notes: print an Open-Apple on the screen with ORCA/M System: GS	Tom DeLuca
Sep 87	136	Card Deck / Auto Menu / DiskCopy / Aligned Numbers Distributor/Column: One-Liner and Two-Liner Winners Subject: novelty / utility	John Ratcliff / Randy Wooda
Sep 87	138	Bank Street Writer, Word Perfect, and Multiscribe are on top Distributor/Column: Nibble Hot List Subject: software Notes: Destroyer into second behind Bard's Tale II, Print Shop back on top / Dollars and Sense, Writer Rabbit, SoftSwitch are number 1	
Oct 87	6	CH Products Distributor/Column: Letters Key Terms: joystick Subject: company / support Notes: fast replacement and no charge	Larry Colton
Oct 87	7	52 new IIGS products at AppleFest Distributor/Column: Raw Data Subject: industry Notes: Bert and Sharon Kersey have sold Beagle Bros to Mark Simonsen (Software Touch) / Print Shop and Fantavision GS / Ultima V / Sargon CD / It's Only Rock 'N Roll (Instant Music) / NBA / Plundered Hearts / Drug Alter! / Think Quick! / Picture Manager, MultiScribe Desk Accessories	by Patricia Lesser
Oct 87	11	Apple II -- Alive and Kicking Distributor/Column: ViewPoint Subject: computer Notes: we're scaling up our coverage of the Apple IIGS	Mike Harvey
Oct 87	12	John Paulson, CEO, Springboard Software Distributor/Column: Interview with... Subject: interview Notes: maker of Educational Software: Early Games for Young Children, Newsroom	by Patricia Lesser

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 87	14	Mean 18 Distributor/Column: Activision Subject: simulation / sports (golf) Notes: spectacular graphics System: GS, 512K	Lesser, Mark (art by George)
Oct 87	124	Aliens: the Computer Game Distributor/Column: Activision Key Terms: movie, Sigourney Weaver Subject: arcade Notes: composed of six different games System: 128K (double hi-res), joystick	rb Neil Shapiro, After Hour
Oct 87	125	Commando Distributor/Column: Data East Subject: arcade Notes: fire! fire! duck! fire! System: double hi-res, requires joystick	rb Neil Shapiro, After Hour
Oct 87	16	Keyboard Tutor Distributor/Column: Cover Feature Subject: education (typing) Notes: improve your typing with this graphic learning aid	Mark R. Craven
Oct 87	34	MultiScribe GS Distributor/Column: StyleWare Subject: word processor Notes: does just about everything System: GS	rb Owen Linzmayer
Oct 87	34	Writer's Choice Elite Distributor/Column: Activision Subject: word processor Notes: doesn't tap GS potential as well as MultiScribe System: GS	rb Owen Linzmayer
Oct 87	35	Paintworks Plus / 816/Paint / Deluxe Paint II Distributor/Column: Activision / Baudville / Electronic Arts Subject: graphics Notes: MacPaint for the GS System: GS	rb Owen Linzmayer
Oct 87	38	Draw Plus / TopDraw Distributor/Column: Activision / StyleWare Key Terms: object-oriented Subject: CAD Notes: fashioned after MacDraw	rb Owen Linzmayer
Oct 87	39	Pinpoint Starter Pak Distributor/Column: PinPoint Subject: utility Notes: bundled are DeskTop Accessories, Spelling Checker, KeyPlayer System: GS, AppleWorks	rb Owen Linzmayer
Oct 87	42	Visualizer IIGS Distributor/Column: PBI Subject: business graphics	rb Owen Linzmayer
Oct 87	44	VIP Professional Distributor/Column: ISD Subject: spreadsheet System: Lotus clone	rb Owen Linzmayer
Oct 87	44	SoftSwitch Distributor/Column: Roger Wagner Subject: desk accessory Notes: styled after Andy Hertzfeld's Switcher	rb Owen Linzmayer

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 87	44	LifeGuard Distributor/Column: Harbor Subject: utility Notes: recover deleted ProDOS files System: GS Price: \$60	rb Owen Linzmayer
Oct 87	46	Notes .n. Files Distributor/Column: DataPak Subject: data management Notes: create letters, 3 by 5 cards, and other documents	rb Owen Linzmayer
Oct 87	46	KidsTime II Distributor/Column: Great Wave Subject: education (letter recognition, music) System: GS	rb Owen Linzmayer
Oct 87	48	ICONIX-GS Distributor/Column: So What Subject: graphics / animation Notes: access SHGR from Applesoft System: GS	rb Owen Linzmayer
Oct 87	52	H PLOT GS Distributor/Column: Second Feature Key Terms: & (ampersand) Subject: graphics Notes: draw pictures on GS "super-res" with familiar "hi-res" & commands System: GS	Tom Dorris
Oct 87	62	Non-Repeating Random Numbers Distributor/Column: Ask Nibble! Subject: technique Notes: the shrinking list method and the shuffle method / random numbers from assembly language System: Applesoft, assembly	by Roger Wagner
Oct 87	68	Shadow Play Distributor/Column: Tips 'N Techniques Key Terms: painter's algorithm Subject: graphics / utility Notes: make sure that lines that are supposed to be hidden remain that way	Iver P. Cooper
Oct 87	76	Numbers To Letters Distributor/Column: Tips 'N Techniques Subject: novelty Notes: write numbers as they are pronounced (e.g. 15 transformed to "fifteen")	Mark Craven
Oct 87	80	DateSubtract Distributor/Column: Tips 'N Techniques Subject: utility Notes: calculate the difference between two dates and times	David W. Cartwright
Oct 87	86	Spelling Maze Distributor/Column: Education Corner Subject: education Notes: have fun and learn to spell at the same time	William P. Doyle, Jr.
Oct 87	92	Extra Amper Distributor/Column: Apple Utilities Subject: utility Notes: a protocol to load several ampersand routines into auxiliary memory System: 128K	Harold D. Portnoy
Oct 87	104	PDQ Pascal Distributor/Column: Pecan Key Terms: UCSD Subject: language Notes: designed for the beginning programmer Price: \$70	

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 87	145	MUNCH / VAR.SWAP / ML.TO.DATA Distributor/Column: One-Liner and Two-Liner Winners Key Terms: Pac-Man Subject: arcade / utility	Horacio Arevalo / Kenneth H
Oct 87	146	SuperCalc 3a sneaks on list / AppleWorks pushed off Distributor/Column: Nibble Hot List Subject: software Notes: Jet is back, Shanghai shows up / Bank Street Writer, Dollars and Sense, Print Shop, Where In The USA Is Carmmen Sandiego? / Mean 18	
Nov 87	4	ELAN (Educational Local Area Network) / Hardball GS / WordPerfect G by Patricia Lesser Distributor/Column: Raw Data Subject: industry Notes: Talking Reader Rabbit / Beating the House at Blackjack / Apple II Appletalk, Apple IIGS Finder / Zip Chip / PC Transporter / Stan Roach (Electronic Arts) goes to Activision, PaintWorks Plus, Writer's Choice Elite, Draw Plus; Postcards; Star Rank Boxing II	
Nov 87	7	The Good Old (And New) Days Distributor/Column: ViewPoint Subject: industry Notes: the GS market is growing, Nibble software repriced, new Nibble Disk subscriptions	Mike Harvey
Nov 87	10	Legal Shades of Gray Distributor/Column: Letters Subject: law Notes: gray areas regarding pirating	Herb Lipson with a response
Nov 87	12	Paul Whitehead Teaches Chess / Jeremy Silman's Guide to Chess Openi Distributor/Column: Enlightenment Subject: strategy (chess)	rb Neil Shapiro (After Hour
Nov 87	12	High Seas Distributor/Column: Garde Subject: war Notes: refight and and create sea battles from the early 1800s	Bosson, Ralph / rb Neil Sha
Nov 87	14	Kevin Harvey, President, StyleWare, Inc. Distributor/Column: Interview with... Key Terms: Bill Gates Subject: interview Notes: creator of MultiScribe (along with Alex Perelberg)	by Patricia Lesser
Nov 87	16	Solvency and Software Distributor/Column: User Group Link Subject: user group Notes: the costs of running a user group	Rudy A. Guy
Nov 87	18	AmperPalette Distributor/Column: Feature Article Subject: graphics Notes: double hi-res commands and more	David L. Smith
Nov 87	52	Master Diagnostics Distributor/Column: Nikrom Technical Subject: utility Notes: pinpoint hardware problems Price: \$65	rb Steve Schwartz
Nov 87	53	PROSEL Distributor/Column: Glen Bredon Subject: utility Notes: a front-end program selector plus many disk and file utilities Price: \$40	rb Steve Schwartz

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 87	55	Print-Quick Distributor/Column: Third Wave Technology Subject: utility (printer) Notes: quickly set up your printer for special requirements Price: \$50	rb Steve Schwartz
Nov 87	59	Blankenship BASIC (BBASIC) Distributor/Column: John Blankenship Subject: Language Notes: Applesoft expanded with ampersand functions Price: \$25	rb Steve Schwartz
Nov 87	60	Micol BASIC (version 2) Distributor/Column: Micol Systems Subject: Language Notes: now supports procedures with parameter passing System: ProDOS Price: \$90	rb Steve Schwartz
Nov 87	62	ImageWriter II Color Control Distributor/Column: Working Smarter Subject: utility Notes: pre-boot program makes the ImageWriter II print one of seven colors Price: AppleWorks	Bryan A. Thorell
Nov 87	68	Investment Calculator Distributor/Column: Second Feature Key Terms: IRR Subject: finance Notes: calculate internal rates of return, net present values, and net future values	Eric L. Oshlo
Nov 87	84	Bulletproof Error Trapping Distributor/Column: Tips 'N Techniques Subject: technique / technical Notes: how to use Applesoft's error trapping system / table of DOS 3.3, ProDOS and Applesoft error messages	Loren W. Wright
Nov 87	88	GS Soft Switches Distributor/Column: Tips 'N Techniques Subject: technique Notes: gain hardware-level control of your machine System: GS	Jon Thomason
Nov 87	94	turn a ProDOS Catalog into a list of variables Distributor/Column: Ask Nibble! Subject: utility Notes: / cataloging only certain file types System: ProDOS	Roger Wagner
Nov 87	95	programming in double hi-res Distributor/Column: Ask Nibble! Subject: reference Notes: articles and software packages cited	Roger Wagner
Nov 87	96	Alter Doubler Distributor/Column: Inside Applications Subject: utility Notes: changes the DOS/ProDOS allocation of a Doubleboot disk	Sherman Paddock
Nov 87	100	Flash! ProDOS 8 Supports File Recovery Distributor/Column: Disassembly Lines Subject: technical Notes: delving into the ProDOS code that handles file deletion, destruction, and truncation System: ProDOS	Sandy Mossberg

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 87	137	Statement of Ownership, Management and Circulation Subject: magazine Notes: 93,212 paid	
Nov 87	139	Language Variety Advocate Distributor/Column: Letters Subject: magazine content Notes: wants more coverage of languages other than Applesoft and assembly	Michael M. Williams
Nov 87	145	Program Restorer / Star Travel / ProDOS volumes / GOTO variables Distributor/Column: One-Liner and Two-Liner Winners Subject: utility / demo	Jason Wagner / Stuart Mark
Nov 87	146	AppleWorks and Bard's Tale II jump to top spots Distributor/Column: Nibble Hot List Subject: software Notes: Where in the USA is Carmen Sandiego, Dollars & Sense, Print Shop remain on top / Math Blaster + rising	
Dec 87	6	Digitizer Plus, FutureSound, MusicShapes, Hot & Cool Jazz Distributor/Column: Raw Data Subject: industry Notes: Fontrix / Springboard Publisher / GraphicsWriter 2.0 / free IIGS chip upgrades / Print-Quick 4.0 / Fantavision GS / TML BASIC	by Patricia Lesser
Dec 87	11	Alive and Kicking -- Part II Distributor/Column: ViewPoint Subject: computer Notes: Applefest and Software Publishers Association: Apple II is far from dead	David Szetela
Dec 87	12	Mark Simonsen, President, Beagle Bros Distributor/Column: Interview with... Subject: interview Notes: Simonsen buys out Bert and Sharon Kersey Alan Bird remains as top programmer	by Patricia Lesser
Dec 87	14	A Silver Lining Distributor/Column: User Group Link Subject: user group Notes: Apple agrees to license DOS to user groups	Rudy A. Guy
Dec 87	16	Major Mayhem Distributor/Column: Cover Feature Key Terms: hungry spiders Subject: arcade Notes: collect enough energy spheres to blast off to the next city System: assembly	John Romero
Dec 87	48	Boulder Dash Construction Set Distributor/Column: Epyx Subject: arcade Notes: 15 new screens (or build your own)	rb Neil Shapiro (After Hour)
Dec 87	48	Sea Strike and Cavern Cobra Distributor/Column: PBI Subject: arcade Notes: the world's loudest game System: GS, MDIdeas SuperSonic Stereo Card	rb Neil Shapiro (After Hour)
Dec 87	48	GBA Championship Basketball: Two-On-Two Distributor/Column: Activision Subject: simulation / sports Notes: on the IIGS, the graphics are little short of stupendous System: GS / IIE-IIC	rb Neil Shapiro (After Hour)
Dec 87	49	Balance of Power Distributor/Column: Mindscape Subject: simulation (peace) Notes: better understand the political world we live in / avoid nuclear war	rb Neil Shapiro (After Hour)

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 87	51	Maniac Mansion Distributor/Column: Activision Subject: adventure Notes: one of the funniest adventure games yet	Lucasfilm Games / rb Neil S
Dec 87	51	Thexder Distributor/Column: Sierra On-Line Subject: arcade Notes: fine sound effects and graphics System: GS	rb Neil Shapiro
Dec 87	51	The Christmas Kit Distributor/Column: Activision Subject: home Notes: make your own decorations and ornaments	rb Neil Shapiro
Dec 87	52	Converting a BASIC listing to a TXT file Distributor/Column: Ask Nibble! Subject: technique	Roger Wagner
Dec 87	52	Side-by-Side Printer Dumps Distributor/Column: Ask Nibble! Subject: utility Notes: try the Printographer	Roger Wagner
Dec 87	56	Credit Card Tracking System Distributor/Column: Working Smarter Subject: home finance Notes: keep track of your credit cards System: AppleWorks	Loren W. Wright
Dec 87	60	Print Shop Label Maker Distributor/Column: Second Feature Subject: utility Notes: produce attractive address labels	Douglas W. Hildebrand
Dec 87	74	ProDOS MON and NOMON Distributor/Column: Lead Utility Subject: utility Notes: track machine language interface calls made by the Basic Interpreter (patterned after the DOS 3.3 commands)	Sandy Mossberg
Dec 87	90	Applesoft Variable Chart Distributor/Column: Tips 'N Techniques Subject: technique Notes: a handy form to keep track of program variable usage / naming conventions are suggested	Gary D. Corbin
Dec 87	94	Instring Search Distributor/Column: Tips 'N Techniques Subject: utility Notes: locate one string within another	Robert E. Shofstall
Dec 87	98	Part XIV: Macro Magic Distributor/Column: Nibbling At Assembly Language Subject: tutorial Notes: macros can make assembly language programming much easier APLPRINT: print formatted listings of Applesoft programs	S. Scott Zimmerman
Dec 87	114	Machine ID / Plotter / Grapher / Factorials Distributor/Column: One-Liner and Two-Liner Winners Subject: utility / graphics / math	Daver Barcan / Mark Moe / A
Dec 87	145	1987 Software Excellence Awards Subject: software Notes: Multiscribe, SuperCalc 3a, AppleWorks, Point to Point, Dollars & Sense, Marble Madness, Bard's Tale II, Flight Simulator II, Where in the USA... Math Blaster, GPLE, Print Shop, Super MacroWorks, Copy II Plus	

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 87	146	Word Perfect, Flight Simulator, Math Blaster reach top Distributor/Column: Nibble Hot List Subject: software Notes: Dollars & Sense, Print Shop remain on top; Musis Studio rising	
Jan 88	7	Process -- the enemy within Distributor/Column: Viewpoint Subject: business / management Notes: businesses need procedures and policies to operate	Mike Harvey
Jan 88	8	Roger Wagner Distributor/Column: Interview with... Subject: interview / history Notes: past and present	by Patricia Lesser
Jan 88	12	The Software Connection Distributor/Column: User Group Link Subject: software Notes: the public domain software river is drying up	Rudy A. Guy
Jan 88	13	Shape Table Trick Distributor/Column: Letters Subject: utility / graphics Notes: BRUN instead of BLOAD a shape table	Ingram McCallum
Jan 88	13	RENEWING RESTORE Distributor/Column: Letters Subject: utility Notes: RESTORE DATA to a specified line number	
Jan 88	16	Message Center Distributor/Column: Cover Feature Subject: communications Notes: create and display important announcements ProDOS version of Electronic Message Center	Rudy A. Guy
Jan 88	38	Picture This: a comparison of scanners Distributor/Column: Thunderware / JED Subject: digitizer Notes: Thunderscan vs. Scannit (Thunderscan wins hands down) Price: \$219 / \$189	rb Owen Linzmayer
Jan 88	46	Net Present Value Made Easy Distributor/Column: Working Smarter Subject: finance Notes: use AppleWorks @NPV function to compute net present value, internal rate of return, and the duration of an investment	R.A. Dousette
Jan 88	52	Floppy Copy Distributor/Column: Feature Utility Subject: utility Notes: a disk copy program that uses extra memory to reduce disk swaps	Michael Gruenthal
Jan 88	58	Chinese Checkers Distributor/Column: Featured Game Subject: strategy Notes: play against a worthy computer opponent	Bruno Croft
Jan 88	66	Drawing Applesoft shapes from assembly language Distributor/Column: Ask Nibble! Subject: technique / graphics	Roger Wagner
Jan 88	68	Hi-Res Circle Generator Distributor/Column: Tips 'N Techniques Subject: technique Notes: a fast circle drawing routine System: Applesoft / Macrosoft	Brent Iverson

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 88	72	Meteoroids Distributor/Column: Tips 'N Techniques Subject: arcade Notes: an arcade game in two lines	Daniel L. Joynt
Jan 88	76	MiniMenu Distributor/Column: Tips 'N Techniques Subject: utility Notes: choose the file by entering a number System: ProDOS	Mark Cornick
Jan 88	78	Super Hi-Res Picture Packer Distributor/Column: Apple Utilities Subject: utility Notes: save disk space System: GS	Jeff Hurlburt
Jan 88	129	YES.NO / Hanoi.Tower, Mastermind Distributor/Column: One-Liner and Two-Liner Winners Subject: utility / strategy	Mike Teixeira / Omer R. Met
Jan 88	130	AppleWorks / Flight Simulator II / Math Blaster Plus / Dollars and Distributor/Column: The Nibble Hot List Subject: software Notes: Print Shop / Hardball	
Feb 88	7	Home ... Working Distributor/Column: Viewpoint Subject: business Notes: the home system as an extension of the business system	Mike Harvey
Feb 88	8	Tom Weishaar Distributor/Column: Interview With... Key Terms: AppleWorks Subject: interview	by Patricia Lesser
Feb 88	10	Pirates! Distributor/Column: Microprose Subject: simulation Notes: combines the depth of a role-playing game with the historical accuracy of a good simulation System: 128K (double hi-res)	rb Neil Shapiro, After Hour
Feb 88	122	Wings of Fury Distributor/Column: Broderbund Subject: arcade / simulation Notes: the player is thrust in the cockpit of a 1944 Navy Hellcat System: 128K	
Feb 88	122	Ikari Warriors Distributor/Column: Data East Subject: arcade Notes: an old-fashioned shoot-'em-up, followup to Commando	
Feb 88	14	File Revival Distributor/Column: Disassembly Lines (Cover Feature) Subject: utility Notes: full-featured utility for recovering deleted files System: ProDOS 8	Sandy Mossberg
Feb 88	42	TimeOut Graph, Graphic Edge, Quick-Chart, Visualizer IIe Distributor/Column: various Key Terms: MagnaCharta new name for Quick-Chart Subject: business graphics	rb Owen Linzmayer
Feb 88	56	Get Your Assets Organized Distributor/Column: Working Smarter Subject: inventory Notes: take inventory of your possessions System: AppleWorks	Howard M. Adkins

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 88	58	SuperGraphics GS Distributor/Column: Second Feature Subject: graphics / utility Notes: ampersand commands to control GS in super hi-res mode	Tim Meekins
Feb 88	70	AmPos Distributor/Column: Tips 'N Techniques Subject: utility Notes: position the cursor on both the 40 and 80-column screens	Ed Doxtator
Feb 88	75	Goodbye Old DOS? Distributor/Column: Apple Tutorial Subject: tutorial / operating system Notes: ProDOS vs. DOS 3.3: advantages and disadvantages	Richard A. Williams
Feb 88	84	Basic.System Commands in Basic Programs Distributor/Column: ProDOS Inside and Out (excerpt) Subject: tutorial / operating system Notes: programming with BASIC.SYSTEM and ProDOS/DOS 3.3 conversion selector programs: ProSel, Bird's Better Bye, Squirt System: ProDOS	Dennis Doms and Tom Weishaa
Feb 88	94	Killing Large Arrays / Reading Apple keys Distributor/Column: Ask Nibble! Subject: tip Notes: Trial Size Toolbox	Roger Wagner
Feb 88	96	Checkit Distributor/Column: Typing Tips Key Terms: AccuType (p.65) Subject: utility Notes: an electronic proofreader	
Feb 88	129	Sound Maker / MeIt.Down / Free.Space / Street.Light Distributor/Column: One-Liner and Two-Liner Winners Subject: novelty / utility	
Feb 88	130	AppleWorks and Dollars and Sense Remain on Top Distributor/Column: The Nibble Hot List Subject: software Notes: other #1s: California Games, Reader Rabbit, Copy II Plus, Space Quest GS	
Mar 88	7	AppleFest... and the future Distributor/Column: ViewPoint Subject: industry Notes: new GS products we'll be looking for	Mike Harvey
Mar 88	8	Bill Darooge (Baudville) Distributor/Column: Interview With Key Terms: beach bum Subject: company Notes: makers of Pixit, Blazing Paddles, Guitar Wizard	by Patricia Lesser
Mar 88	10	Chuck Yeager's Advanced Flight Trainer Distributor/Column: Electronic Arts Subject: flight simulator Notes: good graphics, but doesn't take advantage of advanced graphics modes	rb Neil Shapiro, After Hour
Mar 88	95	Thunderchopper / Tomahawk Distributor/Column: Actionsoft / Datasoft Subject: flight simulator Notes: two new helicopter simulators	
Mar 88	14	Energy Squeezer Distributor/Column: Cover Feature Subject: home Notes: reduce your annual heating bill	Vern L. Mastel

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 88	44	Be an Assembly Language Disk Jockey Distributor/Column: Nibbling At Assembly Language Subject: tutorial Notes: using the disk operating system from assembly language System: DOS 3.3 / ProDOS	S. Scott Zimmerman
Mar 88	66	ChromaWorks Distributor/Column: Working Smarter Subject: technique Notes: use the color printing capabilities of ImageWriter II with AppleWorks System: AppleWorks / ImageWriter II	Thomas A. DeLuca
Mar 88	70	Binary II Forever Distributor/Column: Apple Tutorial Subject: communications / protocol Notes: the file transfer format which may become part of all Apple II communications programs	Gary B. Little
Mar 88	78	Word Processing on the Apple IIGS Distributor/Column: various Subject: word processor Notes: MultiScribe GS / WordPerfect / Writer's Choice / MouseWrite Sensible Writer System: GS	rb Philip Chien
Mar 88	88	SpeedSet GS Distributor/Column: Tips 'N Techniques Subject: utility Notes: set speed without using the Control Panel System: GS	Edward D. Omiccioli, Jr
Mar 88	88	Timed Input Routines Distributor/Column: Tips 'N Techniques Subject: technique Notes: don't let your programs wait forever for input	Dayon D. Kane
Mar 88	91	Universal File Converter Distributor/Column: Quality Subject: utility Notes: transfer files between DOS 3.3, ProDOS, CP/M, Pascal, and SOS Price: \$35	
Mar 88	91	Draw Boxes Without Disturbing Background Distributor/Column: Ask Nibble! (Roger Wagner) Key Terms: XDRAW Subject: technique / graphics	Jennifer Forga
Mar 88	92	Programs in Pieces Distributor/Column: ProDOS Inside and Out (book excerpt) Key Terms: CHAIN, STORE, RESTORE Subject: tutorial / operating system Notes: create long programs that run in segments	Denis Doms and Tom Weishaar
Mar 88	124	Laptop II Distributor/Column: Letters Subject: computer / lap Notes: suggestions for an Apple II laptop computer	Elbert S. Maloney
Mar 88	124	Using the Chooser Distributor/Column: Letters Key Terms: ATINIT Subject: tip / network Notes: tips on using AppleTalk and printers System: AppleTalk	
Mar 88	129	Puzzle / Quick.Key / Tab.Converter Distributor/Column: One-Liner and Two-Liner Winners Subject: novelty / utility	Mark Moe / Paul Meyers / Da

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 88	130	AppleWorks / World Games / Math Blaster / Dollars & Sense / Print S Distributor/Column: The Nibble Hot List Subject: software Notes: Bard's Tale III	
Apr 88	4	Campus Computer Cutbacks? / Comic Books on Diskette Distributor/Column: Raw Data Subject: industry	
Apr 88	6	Key Complaint Distributor/Column: Letters Subject: software / policy Notes: disappointment in the discontinuing of printing Key Perfect tables	Barry Schwarz
Apr 88	7	More Bridges... Distributor/Column: ViewPoint Subject: support Notes: the IIE and IIC will be around, but the GS is growing	Mike Harvey
Apr 88	8 (	the Applesoft Collision Counter Distributor/Column: Ask Nibble! Subject: technique Notes: detect shapes DRAWn	Roger Wagner
Apr 88	101	IIC serial port Distributor/Column: Ask Nibble! Subject: technical Notes: pin correspondence to the Super Serial Card	
Apr 88	10	Mike Westerfield, President, Byte Works Distributor/Column: Interview With... Key Terms: ORCA/M Subject: interview Notes: everything we do is related to one central theme: development languages	by Patricia Lesser
Apr 88	12	Wizardry IV: The Return of Werdna Distributor/Column: Sir-Tech Subject: fantasy Notes: Werdna awakes and is out for revenge	Roe Adams, Andrew Greenberg
Apr 88	101	Monte Carlo Distributor/Column: PBI Subject: gambling Notes: probably the most complete and accurate simulation of a European-style casino for any computer System: GS	
Apr 88	16	PrintWorks Distributor/Column: Cover Feature Subject: utility Notes: a hi-res character generator with proportionally spaced, custom-designed fonts	Robert E. Thrasher III
Apr 88	36	Connection Distributor/Column: Featured Game Subject: strategy Notes: place horizontal and vertical lines to complete a square your computer opponent gets smarter the longer you play	Rudy Guy
Apr 88	44	System Expansion Hardware Distributor/Column: Review Board Subject: memory expansion / accelerator Notes: ways to make your Apple bigger and faster System: GS	rb Paul S. MacMillan
Apr 88	58	AppleWorks Bar Graphs Distributor/Column: Working Smarter Subject: business graphics / technique Notes: make bar graphs right in your spreadsheet System: AppleWorks	Dr. George W. Goth

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 88	62	Fractal Trees Distributor/Column: Education Corner Subject: graphics / technique Notes: grow a fractal tree	John W. Ratcliff
Apr 88	70	Disk Ejector Distributor/Column: Tips 'N Techniques Subject: utility Notes: eject a 3.5 inch disk System: DOS 3.3 / ProDOS	Tim Swihart
Apr 88	76	The ProDOS 16 Programming Environment Distributor/Column: Disassembly Lines Key Terms: ORCA/M, APW Subject: technical / tutorial Notes: embarking on a journey inside the IIGS and ProDOS 16 System: GS	Sandy Mossberg
Apr 88	90	Parameters and File Pointers Distributor/Column: ProDOS Inside and Out (book excerpt) Subject: tutorial Notes: parameters that are used with text file commands	Dennis Doms & Tom Weishaar
Apr 88	99	Better Date Patch for AppleWorks Distributor/Column: Letters Subject: patch Notes: skip date confirmation (for those with clock cards) System: AppleWorks	Robert Obertholtzer / Cathl
Apr 88	100	System Utilities 3.0 bug Distributor/Column: Letters Subject: bug Notes: a bug when copying DOS 3.3 files	the Editors
Apr 88	100	AppleWorks, Dollars & Sense, California Games, Copy II Plus Distributor/Column: The Nibble Hot List Subject: software Notes: Where in the USA is Carmen Sandiego, Where in Europe is Carmen Sandiego	
Apr 88	103	Evaluation Distributor/Column: User Group Link Subject: management Notes: governing bodies must recognize the evolution of its membership	Rudy Guy
Apr 88	108	WORM / TWIRLER / CAT.MEMO / SUPERFINDER Distributor/Column: One-Liner and Two-Liner Winners Subject: novelty / utility	Stanley Furrow / Bill Jetze
May 88	4	Print Shop Envelopes Distributor/Column: Letters Subject: tip / publishing Notes: ask for No. 5-1/2 or No. 6 Baronial envelopes	Jeffrey Strunk
May 88	105	Central Point Support Distributor/Column: Letters Subject: company / utility Notes: kudos for support of Copy II Plus	
May 88	6	Readers, Authors and Ads Distributor/Column: Viewpoint Subject: magazine Notes: readers have intense feelings for Nibble	Mike Harvey
May 88	14	Converting Print Shop Graphics to ProDOS 3.5 diskettes Distributor/Column: Ask Nibble, by Roger Wagner Key Terms: auxiliary file type Subject: technique / utility	Jeff Whitman

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 88	18	World Games Distributor/Column: Epyx Subject: arcade / simulation (sports) Notes: cliff diving, sumo wrestling, bull riding, barrel jumping, log rolling, caber tossing, slalom skiing, weight lifting	rb Neil Shapiro, Shapiro on
May 88	98	Sons of Liberty Distributor/Column: Strategic Simulations Subject: war Notes: American Revolutionary War	
May 88	22	Poster Creator Distributor/Column: Cover Feature Subject: graphics Notes: turn your hi-res and double hi-res art into full-size posters	Terry Johnson
May 88	34	Command Set Distributor/Column: Special Program Subject: technique Notes: how to add commands to the BASIC interpreter System: ProDOS	Jon Hylands
May 88	40	Be Your Own Publisher Distributor/Column: Review Board Subject: publishing Notes: Personal Newsletter, Publish-It!, GraphicWriter	by Rudy A. Guy
May 88	50	ProDOS Repro Command Distributor/Column: Apple Utility Subject: utility Notes: copy entire directories with a single command	Leh-Wen Yau
May 88	66	AppleLiner Distributor/Column: Working Smarter Subject: outliner Notes: turn Apple Writer II into a powerful outline processor System: Apple Writer II WPL	Elizabeth Chase MacRae and
May 88	84	Basic Memory Management Distributor/Column: ProDOS Inside and Out (excerpt) Subject: technique Notes: finding safe places for machine language programs	Dennis Doms and Tom Weishaa
May 88	94	Task Slicing: simulating parallel processing Distributor/Column: Tips 'N Techniques Subject: technique Notes: don't let your Applesoft programs rest while waiting for user input	Harold Balaban
May 88	100	Brian Skiba, president of Pinpoint Publishing Distributor/Column: Interview Subject: interview Notes: Virtual Combinatics, Let's Talk, Micro Cookbook, Graphic Edge Apple II vs. the MS-DOS clones	by Patricia Lesser
May 88	108	Floating Point FORMAT / ROMAN Numeral CONVERT / PRINT SHOP INVERT Distributor/Column: One- and Two-Liners Subject: utility / novelty	J.H. Barnhart / Riaz Seedat
Jun 88	7	Power Users... Distributor/Column: ViewPoint Key Terms: AppleWorks, NewsRoom Subject: demographics Notes: highlights of the 1988 reader survey	Mike Harvey
Jun 88	10	Monopoly Distributor/Column: Bobbi Marcus Subject: strategy (board) / simulation (business) Notes: Mac.Transfer / Microsoft is number 1, The Computer Show, Write IIGS programs on a Mac, MicroProse vs. Germany, Programmers Intro to IIGS System: 256K Price: \$40	Virgin Games

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 88	13	The Accelerated Reader Distributor/Column: Readup Subject: education (reading) Price: \$300	
Jun 88	14	Copying ProDOS files / Change ProDOS file type / garbage collection Distributor/Column: Ask Nibble Subject: technique / technical	Roger Wagner
Jun 88	18	Ultima V: Warriors of Destiny Distributor/Column: Origin Subject: fantasy Notes: "the most personally enjoyable computer game I have played yet"	Lord British / rb Neil Shap
Jun 88	22	QuickWriter Distributor/Column: Cover Feature Key Terms: word processor Subject: electronic typewriter Notes: turns your Apple and printer into an electronic typewriter	James D. Evans
Jun 88	36	MouseTrap Distributor/Column: Working Smarter Subject: graphics utility Notes: capture pictures of hi-res graphics screens and save them as Print Shop graphics	Mike Dorffler
Jun 88	54	Orca/Pascal / APW C / TML Pascal / Apple IIGS BASIC / A/C BASIC Distributor/Column: The Byte Works / APDA / TML / APDA / Absoft Subject: language / program development Notes: five programming and development systems for the GS System: GS	by Paul S. MacMillan, Revie
Jun 88	68	Super Hi-Res Graphics Converter Distributor/Column: Apple Utility Subject: graphics utility Notes: convert standard hi-res pictures to GS super hi-res format	Tom Dorris
Jun 88	78	Screen Print Command (Printer Dump) Distributor/Column: Apple Utility Subject: utility Notes: dump text screen to printer System: ProDOS	Robert Heath
Jun 88	86	ProDOS Snippets Distributor/Column: Tips 'N Techniques Subject: tip / operating system Notes: reading /RAM catalog files / Catalog by file type / BASIC.SYSTEM 1.1 bug zero page free memory / relocating loader rules	Dean Pickering
Jun 88	92	UnDIMming Applesoft Arrays Distributor/Column: Tips 'N Techniques Subject: utility / technique Notes: erase arrays to reclaim memory. UnDIM string arrays for faster garbage collection	Brian Lonergan
Jun 88	94	Applesoft Program Mover Distributor/Column: Tips 'N Techniques Key Terms: relocating loader, dynamic relocater Subject: technique Notes: move Applesoft programs on the fly to safe locations	Mike Miyake
Jun 88	108	TEXT.LIFE / JOY.CENTER / GET.PLUS Distributor/Column: One- and Two-Liners Subject: simulation / utility	Keith Ford / Joel Buursma /
Jul 88	4	HiMem Blues / Epsoms with AppleWorks Distributor/Column: Letters Subject: technique / tip Notes: convert Print Shop graphics for use in Publish It!	

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 88	7	The Coke Machine Syndrome Distributor/Column: ViewPoint Subject: business Notes: a small issue can consume a disproportionately large amount of time	Mike Harvey
Jul 88	12	The Magazine Index Distributor/Column: Kula Software Subject: index	
Jul 88	14	Death Sword / Echelon Distributor/Column: Epyx / Access Subject: arcade / flight simulation Notes: astounding graphics / flight simulation coupled with combat simulation (vector graphics) System: 128K (double hi-res) / 64K	rb Neil Shapiro (Shapiro On)
Jul 88	20	Random Numbers / finding names in a list / scrolling text screen Distributor/Column: Ask Nibble Subject: technique	by Roger Wagner
Jul 88	22	NewsMaker Distributor/Column: Cover Feature Subject: publishing Notes: print your text files in two columns System: assembly (Merlin)	John J. Gwynn
Jul 88	42	Notes 'n' Files / SoftWood GSFile Distributor/Column: DataPak / SoftWood Subject: data management Notes: database, editor, file manager / easy-to-use, well-designed System: GS Price: \$130 / \$100	rb Paul MacMillan
Jul 88	52	Applesoft Matchmaker Distributor/Column: Apple Utilities Subject: utility Notes: find the differences between two Applesoft programs System: assembly	Robert B. Jordan
Jul 88	64	The Newsroom Converter Distributor/Column: Working Smarter Subject: publishing Notes: combine the Newsroom's layout abilities with AppleWorks' word processing power	by Sherman Paddock
Jul 88	76	The Pyramid Distributor/Column: Featured Game Subject: strategy (card) Notes: a pyramid solitaire program with card drawing routines that you can use in your own programs	Jim Lazar
Jul 88	88	Applesoft Variable Pointer Distributor/Column: Tips 'N Techniques Subject: technique Notes: VARPTR provides a function that shows you where BASIC stores its variables	Tom Tromeey
Jul 88	90	Mini-Scroll Plus Distributor/Column: Tips 'N Techniques Subject: technique Notes: paint boxes on your Hi-Res screen or scroll any area on the screen	Robert E. Thrasher III
Jul 88	92	Hi-Res SCRN Function Distributor/Column: Tips 'N Techniques Subject: utility Notes: a SCRN-like function for Hi-Res page 1	Chris Meyer

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 88	94	Serious Fun: paddles, joystick, mouse and low-resolution graphics Distributor/Column: Nibbling At Assembly Language, Part XVI Subject: tutorial / technique Notes: program your mouse and joystick as you design a lo-res action game	S. Scott Zimmerman
Jul 88	99	ALPHASORT / BARS / LENGTH.MAKER / LOSER.TUNE Distributor/Column: One- And Two-Liners Subject: utility / novelty	David Selick / Matthew Amst
Aug 88	2	Leaving Off Quotes and \$hex signs Distributor/Column: Letters Subject: tip	
Aug 88	6 (	The Army Game Distributor/Column: ViewPoint Subject: business Notes: implanting the initiative to think beyond the minimum level of responsibility	Mike Harvey
Aug 88	11	GSs in the Soviet Union? / Apple's Higher Education Purchase Plan Distributor/Column: Raw Data Subject: news Notes: William Mensch discusses the 65832 / blaming von Neumann's design for computer viruses	
Aug 88	18	Wasteland / Alien Mind / Reach for the Stars: Third Edition Distributor/Column: Electronic Arts / PBI / Strategic Studies Group Subject: fantasy / arcade / strategy Notes: the most believable role-playing adventure yet / the first arcade game to show off the GS / an improved version of an old favorite	rb Neil Shapiro (Shapiro On
Aug 88	20	launching a ProDOS 16 application from BASIC Distributor/Column: Ask Nibble Subject: technique	Roger Wagner
Aug 88	22	Nibble Term Distributor/Column: Cover Feature Subject: communications Notes: a sampler terminal program	Eric C. Mueller
Aug 88	50	Making the Right Connections Subject: communications services Notes: AppleLink - Personal Edition, CompuServe, GEnie, Delphi, The Source	by Steve Sarsfield
Aug 88	58	Zapz Subject: strategy Notes: destroy your opponent in this two-player strategy game	Jeffrey G. Brown
Aug 88	68	Disk Drive Tester Distributor/Column: Apple Utility Subject: utility / technical Notes: test the speed of your 5.25-inch drive	Richard Kiss
Aug 88	83	DOS 3.3 Dash Command Distributor/Column: Tips 'N Techniques Subject: utility Notes: the DOS 3.3 equivalent of the handy ProDOS command	Mark Lillibridge
Aug 88	86	AppleKeys Distributor/Column: Tips 'N Techniques Subject: technique Notes: turn the open-Apple and close-Apple keys into versatile function keys System: IIe and up	Elli M. Ben-Natan
Aug 88	90	Keep Time With ProDOS Wristwatch Distributor/Column: Tips 'N Techniques Subject: technique Notes: install the TIME, DATE, and BELL commands to ProDOS	Royce D. Bacon

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 88	94	Classic Desk Accessories for ProDOS 16 Distributor/Column: Disassembly Lines Subject: technical Notes: creating a full-featured Classic Desk Accessory (CDA) System: GS	Sandy Mossberg
Aug 88	110	Find Easter date / DOS CATALOG MOD / Mandelbot / Spinning Figure Distributor/Column: One- And Two-Liners Subject: novelty	Harold Whiting / Greg Wildm
Sep 88	2 (	A Keypress Discovery Distributor/Column: Letters Subject: technique Notes: detect when a key is being pressed (and released)	Stuart Mark
Sep 88	4	The Tomato Plant Problem Distributor/Column: ViewPoint Subject: business Notes: business opportunities can outstrip available resources	Mike Harvey
Sep 88	11	PC Transporter Distributor/Column: Applied Engineering Subject: co-processor / computer Notes: run MS-DOS on your Apple II Price: \$519-\$759	rb Editor's Spotlight
Sep 88	19	Using MouseText from Applesoft Distributor/Column: Ask Nibble Subject: technique Notes: exiting FOR-NEXT loops	by Roger Wagner / Robert Ce
Sep 88	22	Bill Keeper Distributor/Column: Cover Feature Subject: home finance Notes: organize and chart monthly expenses	Harold P. Murzyn
Sep 88	32	Mavis Beacon Teaches Typing / Reader Rabbit / Algebra Shop / The Ri Distributor/Column: Electronic Arts / The Learning Co / Scholastic / Tom Snyder Subject: education (typing, reading, math, history) Notes: The Ripple That Changed American History	by Richard A. Williams
Sep 88	42	Jazz It Up With Sound Master Distributor/Column: Special Program Subject: music Notes: dazzling sound effects and perfect harmonies	Jim Richardson
Sep 88	59	AppleWorks Dater Distributor/Column: Working Smarter Subject: tax Notes: keep detailed records of the time you spend on your computer for business System: AppleWorks	Robert J. Schack, Esq.
Sep 88	69	Boolean Basics Distributor/Column: Tips 'N Techniques Subject: tutorial / computer science Notes: use relational expressions to make your programs more efficient	Michael Gruenthal
Sep 88	72	Decimal to Hex and Back Distributor/Column: Tips 'N Techniques Subject: technique Notes: using EXEC files	Edward H. Cabanis
Sep 88	75	Hi-Res Scan Distributor/Column: Tips 'N Techniques Subject: utility / graphics Notes: scan a shape for your shape table right from the screen	Ron Sjolander

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 88	84	Applesoft Page Lister Distributor/Column: Apple Utility Subject: utility Notes: get formatted listings of your Applesoft programs System: assembly	Ed Hauschild
Sep 88	86	Imagination: an interactive story game for young people Distributor/Column: Education Corner Subject: education	by Virginia and Paul Raymer
Sep 88	92	File Typer -- A IIGS Classic Desk Accessory Distributor/Column: Disassembly Lines Key Terms: CDA Subject: utility System: GS: ProDOS 8, ProDOS 16	Sandy Mossberg
Sep 88	112	Mini Breakout! / Maze / Roter (Rotate Hi-Res Image) Distributor/Column: One- And Two-Liners Subject: arcade / graphics	Sean Marhken / Kevin Polonu
Oct 88	4	Resizing IIGS RAM disk without turning off the power Distributor/Column: Letters Subject: tip Notes: Command-Option-Command-N when "Check Startup Device" is on the screen will display the names of the designers of the IIGS	Joe Carlin
Oct 88	103	Wants to copy values between spreadsheets based on MAX values Subject: problem	Robert H. Gavigan
Oct 88	5	The Ninety Percent Trap Distributor/Column: ViewPoint Subject: business Notes: 90 percent on each of 7 assumptions comes outs to less than 50 percent	Mike Harvey
Oct 88	16	Designasaurus for the IIGS Distributor/Column: Britannica Subject: education (science) Notes: teaches how the dinosaurs lived, ate, and survived System: GS Price: \$50	
Oct 88	19	Questron II / Sherlock: the Riddle of the Crown Jewels / Test Drive Distributor/Column: Strategic Simulations / Infocom / Accolade / Spectrum Holobyte Subject: fantasy / mystery / arcade / puzzle Notes: Soko-Ban	rb Neil Shapiro (Shapiro On
Oct 88	20	Joystick Control Distributor/Column: Ask Nibble Subject: technique	Roger Wagner
Oct 88	22	Chart Works: An AppleWorks Graphics Utility Distributor/Column: Cover Feature Subject: business graphics Notes: graph AppleWorks spreadsheet data	Richard R. Hiatt
Oct 88	48	The Graphics Studio 1.0 / Deluxe Paint II 2.01 / PaintWorks Gold Distributor/Column: Accolade / Electronic Arts / Activision Subject: graphics System: GS	rb Paul MacMillan
Oct 88	60	Fiver Dicer Distributor/Column: Featured Game Subject: dice game Notes: based on Yahtzee	David Kallas
Oct 88	68	Attaching Ampersand Commands Distributor/Column: Apple Utility Subject: technique / utility Notes: INPUT, RESTORE GOTO, RESUME NEXT, RESUME GOTO, PRINT	Dean M. Pickering

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 88	78	The Long Number Calculator Distributor/Column: Tips 'N Techniques Subject: math / technique Notes: add, subtract, and multiply numbers larger than Applesoft can handle	Alan H. Stein
Oct 88	85	Double Window Menu Distributor/Column: Tips 'N Techniques Subject: technique Notes: divide the screen into primary and secondary menus	Fred V. Amundsen
Oct 88	86	Hi-Res Color Flash Distributor/Column: Tips 'N Techniques Subject: technique / graphics Notes: invert the hi-res screen and change the black background to a colorful one	Phil Goetz
Oct 88	90	Instant GS Control Distributor/Column: Tips 'N Techniques Subject: technique Notes: control your IIGS without the Control Panel	Kenn Scribner
Oct 88	111	Convert Lo-Res Screen to Hi-Res / lower-case dos Distributor/Column: One- And Two-Liners Subject: utility Notes: extend file limit in /RAM	Benjamin Ng / Michael Paris
Nov 88	6	Zip Chip Orders delayed Distributor/Column: Zip Technology Subject: accelerator	Robert E. McCaslin
Nov 88	7	Perceptual Fraction Pitfalls Distributor/Column: ViewPoint Key Terms: zero-basing Subject: business Notes: any major purchase is an invitation to add-ons	Mike Harvey
Nov 88	9	HyperStudio / Goodbye Apple Assembly Line / Apple Restructuring Subject: news Notes: send bug reports to Apple	
Nov 88	16	Apple IIc Plus Distributor/Column: Apple Subject: computer Notes: fast processor and built-in 3.5 inch drive (2/89,p109: works with Chinook hard disk) Price: \$675	rb Editors' Spotlight
Nov 88	19	Print Hi-Res Screen with ImageWriter Distributor/Column: Ask Nibble Key Terms: dump Subject: technique / utility	Roger Wagner
Nov 88	22	Nibble Writer Distributor/Column: Cover Feature Subject: word processor Notes: 40-columns	Robert T. Yuille
Nov 88	48	Star Saga One: beyond the boundary / Tetris / L.A. Crackdown Distributor/Column: various Subject: entertainment Notes: Dive Bomber / Indoor Sports / Xevious / Club Backgammon / Space Quest II Vohaul's Revenge / Western European Tour / Anchorman / Decisive Battles of the American Civil War, volume two	by Neil Shapiro (Shapiro on
Nov 88	54	Ten Tips for AppleWorks Distributor/Column: Working Smarter Key Terms: proofreading Subject: tip Notes: letterheads, envelopes, labels, footnotes, multiple-line headers, type "Megaptera novaeangliae", degree symbol, italics, draft-NLQ,	Howard M. Adkins

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 88	67	SpeedDraw Distributor/Column: Apple Utility Key Terms: & Subject: graphics Notes: a whole different way to draw on the hi-res screen CIRCLE, ARC, RAY, VECTR, TURN, LTURN, MOVE, SPOT, DOTLINE, BARC	James R. Savage
Nov 88	86	The GS-Applesoft Connection Distributor/Column: Tips 'N Techniques Subject: technique Notes: a time and date utility for the IIGS System: GS	Paul MacMillan
Nov 88	88	Command Recall Distributor/Column: Tips 'N Techniques Subject: utility Notes: recall an entire line of input with a single keystroke System: DOS 3.3	Doug Meek
Nov 88	90	Startup Name Changer Distributor/Column: Tips 'N Techniques Subject: technique Notes: allow any program to be the "HELLO" program (for ProDOS)	Kenn Scribner
Nov 88	94	Object Module Format and the ProDOS 16 Start File Distributor/Column: Disassembly Lines Key Terms: file header, file body Subject: technical Notes: beginning the analysis of ProDOS 16 by dissecting START (ProDOS 16's optional program selector)	Sandy Mossberg
Nov 88	112	INPUT Anything / MINI.DRAW / Now Moire Distributor/Column: One- and Two-Liners Subject: novelty	Daniel Barnes / Adrian Dani
Dec 88	7 (	Apple II -- tool or toy? Distributor/Column: ViewPoint Subject: computer Notes: Apple seems to have forgotten that millions of people use Apple IIs for business and personal productivity	Mike Harvey
Dec 88	8	Crossword Puzzle program wanted / copy protection complaints Distributor/Column: Letters Subject: tip / comments Notes: quitting Desktop destroys boot disk, Softswitch / Zlink virus	
Dec 88	13	Del Yocam to leave / Apple hires Educational Technology Consultants Distributor/Column: Raw Data Subject: news Notes: Broderbund's upcoming releases / TML updates	
Dec 88	21	WordBench Distributor/Column: Addison-Wesley Subject: word processor / writing environment System: 128K Price: \$149	
Dec 88	22	ONERR error / String Input (input commas and colons) Distributor/Column: Ask Nibble Subject: tip	Roger Wagner
Dec 88	25	Jigsaw / Zany Golf / The Last Ninja / Skate or Die Distributor/Column: Britannica / Electronic Arts / Activision / Electronic Arts Subject: entertainment / puzzle / sports / arcade Notes: starring the GS features System: GS	rb Neil Shapiro (Shapiro On

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 88	27	City Centurian Distributor/Column: Cover Feature Subject: arcade Notes: defend the cities of the moon colony	John Romero
Dec 88	48	VCR Companion / Home Video Producer Distributor/Column: Broderbund / Epyx Subject: video Notes: add personalized special effects to your VCR recordings and home movies	rb Bonnie Gruen
Dec 88	54	Sort It Out Key Terms: Mergesort Subject: utility Notes: sort text-based lists incredibly fast System: assembly	Chester H. Page
Dec 88	66	Getting the Big Picture Distributor/Column: Nibbling At Assembly Language Subject: tutorial / assembly / graphics Notes: high resolution graphics: ROM routines and a compacting utility	S. Scott Zimmerman
Dec 88	86	Text Shifter Distributor/Column: Tips 'N Techniques Subject: utility Notes: examines an Applesoft program in memory and shifts lowercase text to uppercase	Steven Meuse
Dec 88	88	File Encrypter Distributor/Column: Tips 'N Techniques Subject: utility / security Notes: encrypts the same letter differently in different parts of the text	William Simpson
Dec 88	92	GS/FX: three stunning ways to look at graphics on the IIGS Distributor/Column: Tips 'N Techniques Subject: technique / graphics Notes: fade-in, fade-out, and fold-down System: GS super hi-res, Applesoft	Peter Stubbs
Dec 88	100	Selling Your Programs Distributor/Column: Working Smarter Subject: tax law Notes: the rules have changed	Isaac Szlechter
Dec 88	103	Minireviews Subject: reviews Notes: a summary of all the reviews for the past three years	
Dec 88	125	IF.THEN.ELSE / DHR.DISPLAY / LIST.VOLS Distributor/Column: One- And Two-Liners (by Rudy A. Guy) Subject: utility	Gary Chan Keng Hwee / Bill
Jan 89	4	Looking Forward Distributor/Column: Letters Subject: language Notes: suggests choosing a "standard" IIGS language	David Shpall
Jan 89	83	TYMAC PPC-100 parallel printer card has trouble with enhanced ROMs Distributor/Column: Letters Subject: tip Notes: TYMAC has an new ROM to fix these problems	Gary Welsh
Jan 89	7	1989: Resolutions, ReflEctions, and Predictions Distributor/Column: Viewpoint Subject: update Notes: Apple IIc Plus, Western Design GS microprocessor, Claris, AppleWorks GS, GS upgrade, HyperCard	Mike Harvey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 89	11	IBM and Microsoft offer education marketing program / Del Yocam Distributor/Column: Raw Data Subject: news Notes: Human Sexuality on AppleLink, AppleWorks course on AppleLink	
Jan 89	14	Determining which kind of Apple II Distributor/Column: Ask Nibble Key Terms: Machine ID Subject: tip Notes: Direct Page / Fatal Error \$911 (GS)	Roger Wagner
Jan 89	18	Shadowgate, Deja Vu, Univited / 4th and Inches / Street Sports Soccer Distributor/Column: MindScape / Accolade / Epyx / Sierra Subject: adventure / simulation, sports (football) / adventure Notes: King's Quest III: to heir is human	rb Neil Shapiro (Shapiro On)
Jan 89	22	Transformer Distributor/Column: Feature Article Subject: graphics utility Notes: twist, stretch, and shrink your Hi-Res graphics	Jenny Schmidt
Jan 89	30	Picture This (PLOAD) Distributor/Column: Special Program Key Terms: slide show Subject: utility / graphics Notes: add a new command to ProDOS BASIC that allows you to load any Super Hi-Res picture in compressed or uncompressed format System: GS	Steve Ellis
Jan 89	40	AppleWorks GS Distributor/Column: Claris Subject: integrated Notes: six applications in one; may be all IIGS owners will ever need	rb Paul MacMillan
Jan 89	46	Double-Column Macro for AppleWorks Distributor/Column: Working Smarter Subject: utility / publishing Notes: turn AppleWorks into a desktop publisher with a single macro System: TimeOut UltraMacros	Sherman Paddock
Jan 89	58	Noggin Distributor/Column: Featured Game Subject: word game Notes: improve your vocabulary with this fast-paced word game	Mark J. Yannone
Jan 89	60	Getting Started with Ampersand Commands Distributor/Column: Tips 'N Techniques Key Terms: TRUNC Subject: technique Notes: step-by-step instructions for adding your own commands to BASIC	Lawrence Kubicz
Jan 89	64	Dollar Formatting Distributor/Column: Tips 'N Techniques Key Terms: PRINT USING Subject: utility Notes: an Applesoft print formatter	Antonio De Pasquale
Jan 89	68	Memory Peeker Desk Accessory Distributor/Column: Disassembly Lines Subject: utility / technique Notes: how to add two CDAs at startup time, and see inside the built-in Memory Peeker CDA System: GS	Sandy Mossberg
Jan 89	117	BIG.APPLE / WIPE / Diffraction Distributor/Column: One- And Two-Liners Subject: graphics / utility	Bill Currie / Kenneth Russe

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 89	120	FingerPrint GSi Distributor/Column: ThirdWare Subject: printer dump card System: GS Price: \$99	rb Editors' Spotlight
Feb 89	4	"No" to copy protection, change GS colors (location 49102) Distributor/Column: Letters Subject: tip Notes: boot a slot from ProSel or ProDOS "bye"	Joseph Kaworski / Mark R. H
Feb 89	7	The Detour Model: What If? Then What? Distributor/Column: Viewpoint Subject: business Notes: business plans should take in account unscheduled detours	Mike Harvey
Feb 89	14	User-Defines FileTypes in ProDOS / upgrading the Apple II Plus Distributor/Column: Ask Nibble Subject: tip	Roger Wagner
Feb 89	18	Warlock / RamPage / Bubble Ghost / Typhoon of Steel Distributor/Column: Three-Sixty Pacific / Activision / Accolade / SSI / Strategic Studies Subject: arcade war/ Notes: The American Civil War: Volume III (Wilderness to Nashville)	rb Neil Shapiro (Shapiro On
Feb 89	22	Shape Librarian Distributor/Column: Cover Feature Subject: utility / graphics Notes: combine shape tables, delete shapes, insert shapes, and more	James Brodsky
Feb 89	48	Softswitch / MacroMate / The Desktop Manager / CDA Power / DeskPak Distributor/Column: Roger Wagner / On Three / 360 MicroSystems / Simple Software Subject: utility Notes: run 9 applications simultaneously / keyboard macros / a CDA manager programming aids / a large collection of NDAs	rb Rick Girardin
Feb 89	56	OmniType Distributor/Column: Working Smarter Subject: utility Notes: view files with this new ProDOS command	William H. Tudor
Feb 89	69	Music Lesson Distributor/Column: Education Corner Subject: education (music) Notes: improve your ability to read music in either or both clefs	Timothy Thomas
Feb 89	72	Introduction to APW Distributor/Column: GS Tutorial (Brady) Subject: programming Notes: excerpt from the new IIGS programmer's guide	Lichty, Ron and David Eyes
Feb 89	99	Roman Numeral Converter Distributor/Column: Tips 'N Techniques Subject: novelty Notes: convert between Roman and decimal notations	Antonio De Pasquale
Feb 89	104	Easy Program Splitting Distributor/Column: Tips 'N Techniques Subject: technique Notes: allow Applesoft programs to use all the memory they're entitled to (put part of the program below the Hi-Res screen and the rest above)	Robert Stong
Feb 89	107	ProDOS Command Files Distributor/Column: Tips 'N Techniques Subject: technique Notes: implement the ProDOS "CMD" type file	Cliff Harris

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 89	125	Three D Chart / UnJumbler / Calendar Distributor/Column: One- And Two-Liners Subject: graphics / novelty	Juan Murillo Tamayo / Lorin
Feb 89	128	Sky Travel Distributor/Column: MicroIllusions Subject: education (science, astronomy) Notes: a planetarium program that will introduce you to the universe Price: \$150	rb Editors' Spotlight
Mar 89	4 (	Bound For Glory Distributor/Column: Letters Key Terms: saddle stich Subject: magazine Notes: Nibble is shrinking in number of pages using CHECKIT with partially finished programs	Ruth E. Glaspey
Mar 89	7	Autocrat ... Magnet ... Conduit ... Manager! Distributor/Column: Viewpoint Subject: management Notes: the managerial grid: concern for people vs. concern for results	Mike Harvey
Mar 89	9	AppleWorks Template Contest / The Official Computer Freaks Joke Boo / Wozniak, Steve and Larry Distributor/Column: Raw Data Subject: contest / book	
Mar 89	14	deciphering data in DATA statements / using different ProDOS versio Distributor/Column: Ask Nibble Subject: tip	Roger Wagner
Mar 89	18	Times of Lore Distributor/Column: Origin Key Terms: Damon Knight Subject: fantasy Notes: introductory	rb Neil Shapiro (Shapiro On
Mar 89	19	Impossible Mission II Distributor/Column: Epyx Subject: arcade Notes: an arcade game which challenges the synapses System: 128K (double hi-res)	rb Neil Shapiro
Mar 89	20	Mini-Putt Distributor/Column: Accolade Subject: arcade / sports (golf) Notes: imparts the flavor of miniature golf System: GS	rb Neil Shapiro
Mar 89	20	Battles of Napoleon Distributor/Column: SSI Subject: war Notes: a war game construction set, complex	rb Neil Shapiro
Mar 89	22	NibbleCalc Distributor/Column: Cover Feature Subject: spreadsheet Notes: fully-functional System: assembly	Robert T. Yuille
Mar 89	48	Diversi-Tune / Music Writer / Master Tracks Jr. / MusicShapes Distributor/Column: various Key Terms: MIDI Subject: music Notes: Sonix System: GS	rb Rich Williams
Mar 89	58	Works Processor Distributor/Column: Working Smarter Subject: utility / word processing Notes: convert AppleWorks word processing documents to text files without carriage returns System: assembly	Mike Jetzer

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 89	70	The Graphics Switcher Distributor/Column: Apple Utility Subject: graphics utility Notes: convert GS super hi-res graphics to hi-res graphics for use on all IIs System: GS	Tom Dorris
Mar 89	90	Line Magician Distributor/Column: Tips 'N Techniques Subject: technique Notes: move lines above the line 63999 barrier	David Harris
Mar 89	93	Super Cursor Distributor/Column: Tips 'N Techniques Subject: technique Notes: replace the standard checkerboard and box cursors with any character you want	Paul A. Meyers
Mar 89	96	Restore Your Data Distributor/Column: Tips 'N Techniques Subject: utility Notes: RESTORE the DATA pointer to any line number System: Applesoft	Vern L. Mastel
Mar 89	98	Visit Monitor CDA and GS ROM Cryptography Distributor/Column: Disassembly Lines Key Terms: disassembly Subject: technical Notes: scrutinizing Visit Monitor System: GS	Sandy Mossberg
Mar 89	117	DOSCAT (read DOS 3.3 directory) / PROCOM (file utility) Distributor/Column: One- And Two-Liners Subject: novelty Notes: MAKE.A.MAP (prints grids for adventure maps)	Dr. Gregory G. Weltin / Eri
Mar 89	120	GeoPublish Distributor/Column: Berkeley Softworks Subject: publishing Notes: full-featured, GS not required System: 128K Price: \$100	rb Editors' Spotlight
Apr 89	4	Stand Up and Be Counted Distributor/Column: Viewpoint Subject: management Notes: we structured out company on integrity, service, and quality	Mike Harvey
Apr 89	7	Beagle Bros updates / The Sourceror's Apprentice (assembly newslett Distributor/Column: Raw Data Subject: news Notes: Claris improves ImageWriter II driver Exploring Apple GS/OS and ProDOS 8 (book by Gary Little)	
Apr 89	10	Exploring Apple GS/OS and ProDOS 8 Distributor/Column: Addison-Wesley Subject: book / technical System: GS Price: \$21.95	Little, Gary
Apr 89	12	saving Applesoft programs to text files / hex-decimal conversion ro Distributor/Column: Ask Nibble Subject: tip Notes: ProDOS Error 01 / how to Control-Open-Apple-Reset	Roger Wagner
Apr 89	14	Serve and Volley Distributor/Column: Accolade Subject: arcade / sports (tennis) Notes: Pong has come a long way System: GS	rb Neil Shapiro

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 89	15	Final Assault Distributor/Column: Epyx Subject: simulation (mountain climbing) Notes: original concept System: GS	rb Neil Shapiro
Apr 89	108	Who Framed Roger Rabbit? Distributor/Column: Buena Vista Subject: arcade Notes: problems of simplicity System: 128K, joystick	rb Neil Shapiro
Apr 89	16	Nibble Launcher Distributor/Column: Cover Feature Subject: program selector Notes: launch programs, set startup programs, and access New Desk Accessories System: GS	Sandy Mossberg
Apr 89	32	Inner Drive, CMS SD60/A2S, Chinook CT20c, Sider C96 Distributor/Column: various Subject: hard disk Notes: bigger, better, and faster than ever before	rb Paul McMillan
Apr 89	38	Snapshot Distributor/Column: Special Program Subject: printer utility Notes: dump graphics screen (automatically doubles size of the picture) System: ImageWriter	Robert T. Yuille
Apr 89	46	AppleWorks Histograms Distributor/Column: Working Smarter Subject: technique Notes: create charts of frequency distributions	Dr. George W. Goth
Apr 89	50	Top-Down Programming Distributor/Column: Brady/Simon & Schuster Subject: tutorial / book excerpt Notes: starting to convert Hello World into a GS application excerpted from Programming the Apple IIGS in Assembly Language	Lichty, Ron and David Eyes
Apr 89	54	Orbit Distributor/Column: Education Corner Subject: education / science Notes: simulate the motions of planets determined by Newton's Law of Gravity	Roy Plum
Apr 89	68	Disk Sleever Distributor/Column: Tips 'N Techniques Subject: accessory Notes: create disk sleeves complete with ProDOS volume directory	Mark A. Heath
Apr 89	71	Where Is... Distributor/Column: Tips 'N Techniques Subject: technique Notes: search any ProDOS volume for a file and return full pathname	Vincent D. O'Connor
Apr 89	74	Hand Puzzle Distributor/Column: Featured Game Subject: puzzle Notes: a hi-res puzzle that can be played two ways	Robert Devine
Apr 89	100	SoftClock Distributor/Column: Apple Utility Subject: utility Notes: a software clock which updates the time whenever files are saved	Sean Nolan
Apr 89	116	ProDOS.PRINT (deactivates 80-column card) Distributor/Column: One- And Two-Liners Subject: utility / novelty Notes: Shape.Select (select shapes from existing shape tables) Nibble Opinion (shameless self-aggrandizing)	Jerry Wickwire / Riaz Seeda

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 89	120	CirTech StatDisk Distributor/Column: A2 Central (manufactured by CirTech, Scotland) Subject: hardware / RAM disk Notes: battery-powered System: not IIC Price: \$209-\$699 (128K to 1MB)	rb Editors' Spotlight
May 89	4	Strategy for Success: Is Biggest Best? Distributor/Column: Viewpoint Key Terms: niche marketing Subject: business / management Notes: rapid growth is a risk	Mike Harvey
May 89	7	A+ merges with inCider / The Beatles negotiate with Apple Computer Distributor/Column: Raw Data Subject: news	
May 89	12	Detecting keypad and extended keyboard function keys Distributor/Column: Ask Nibble Key Terms: Modifier Key Register Subject: technique System: GS	Roger Wagner
May 89	14	Wizardry V: The Heart of the Maelstrom Distributor/Column: Sir-Tech Subject: fantasy Notes: descend into the depths of the Maelstrom and rescue the Gatekeeper nine disk sides System: 64K	Bradley, David / rb Neil Sh
May 89	15	Dungeon Master Distributor/Column: FTL Subject: fantasy Notes: from the streaks of slime on the brick walls to the moving doors and the characters, the art is the epitome of today's state-of-the art IIGS System: GS	rb Neil Shapiro
May 89	16	War in Middle Earth Distributor/Column: Melbourne House Key Terms: Lord of the Rings Subject: fantasy Notes: a succesful translation of Tolkien to the computer screen (but plays too slow)	Clardy, Robert and Alan Cla
May 89	18	Proof: the AppleWorks spreadsheet analyzer Distributor/Column: Cover Feature Subject: spreadsheet utility Notes: display cell designation, type, layout, value or formula System: S-C Assembler	Richard R. Hiatt
May 89	38	Moving Pictures Distributor/Column: Broderbund, Broderbund, Electronic Arts, Epyx Subject: animation Notes: Fantavision, Animate, Cartooners, Art & Film Director	rb Lise Stern
May 89	52	Bridges Distributor/Column: Featured Game Subject: strategy Notes: capture the 20 golden cups	Timothy Thomas
May 89	56	Text Cruncher Distributor/Column: Tips 'N Techniques Subject: technique Notes: free memory by crunching text data	Howard Huang
May 89	66	Reset Magic Distributor/Column: Tips 'N Techniques Subject: technique Notes: branch to any program line when control-Reset is pressed	Kenn Scribner

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 89	72	Fraction Converter Distributor/Column: Tips 'N Techniques Subject: technique Notes: convert fractions to decimals (and vice versa)	Anotnio & Alfonso De Pasqu
May 89	76	Get Set With ProDOS Distributor/Column: Tips 'N Techniques Subject: utility Notes: read and modify information about ProDOS files, such as filetype, auxiliary filetype, and length	Bill Tudor
May 89	100	IIGS Toolbox Fundamentals Distributor/Column: Disassembly Lines Subject: technical Notes: structure of the Toolbox, how the Toolbox Dispatcher operates System: GS	Sandy Mossberg
May 89	110	Investor File Compressor Distributor/Column: Inside Applications Subject: utility / finance Notes: instantly eliminate all but the 52 most recent records	Gerhald Hansel
May 89	117	ROUNDIT (round to two decimals) / SUPERGET (convert lower to upper- Distributor/Column: One- And Two-Liners Subject: utility / graphics Notes: Lo-Res Designs	David Selick / Brian D. Wel
May 89	120	Micol Advanced BASIC Distributor/Column: Micol Systems Subject: language / compiler Notes: a structured, compiled language with a high degree of compatibility with Applesoft System: GS Price: \$145	rb Editors Spotlight
Jun 89	2	MicroSPARC changes name to MindCraft Subject: company Notes: Sun Microsystems acquires trademarks rights	
Jun 89	2	Nibble subscriber parts company / reader wants shorter programs Distributor/Column: Letters Subject: industry	
Jun 89	4	Action TNT Distributor/Column: Viewpoint Subject: business Notes: time; Action TNT (Today, Not Tomorrow); Priority and Posteriority List write it down; clear the decks System: 4	Mike Harvey
Jun 89	7 (	Beatles sue Apple / replacing IIGS battery Distributor/Column: Raw Data Subject: news Notes: National Education Computer Conference	
Jun 89	10	Listing BASIC program lines over 80 characters long Distributor/Column: Ask Nibble Subject: tip Notes: line spacing and printing	Roger Wagner
Jun 89	14	Audobon Wildlife Adventures: Grizzly Bears Distributor/Column: Advanced Ideas Key Terms: Dr. Potts Subject: adventure / education Notes: learn about grizzly bears while having fun System: GS	rb Neil Shapiro

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 89	16	Might and Magic II: Gates to Another World Distributor/Column: New World Computing Subject: fantasy Notes: with auto-mapping System: 128K	rb Neil Shapiro
Jun 89	105	AAARGH! Distributor/Column: Arcadia Subject: arcade Notes: being a certified, card-carrying monster, you'll be able to wolf down everything from people to huge hamburgers System: GS	rb Neil Shapiro
Jun 89	18	Print Studio Distributor/Column: Cover Feature Subject: printer utility Notes: create custom characters for the ImageWriter I and II	Allan Lamb
Jun 89	36	Zip Chip / Rocket Chip / Transwarp GS / Multi-Kache Card Distributor/Column: various Subject: accelerator Notes: products which speed up your Apple	rb Laura Tsuk
Jun 89	46	Exterminators Distributor/Column: Featured Game Subject: strategy Notes: an Apple II version of Daleks	David Harris
Jun 89	54	Automated Check Register Distributor/Column: Working Smarter Subject: finance Notes: balance your checking account System: AppleWorks spreadsheet	James O. MacDonald
Jun 89	58	Mary's Garden Distributor/Column: Education Corner Subject: education Notes: match like objects	Timothy Thomas
Jun 89	66	Making A Menu Distributor/Column: GS Tutorial Subject: tutorial Notes: create a desktop application program excerpted from Programming the Apple IIGS in Assembly Language System: GS / APW or ORCA/M	Ron Lichty and David Eyes
Jun 89	78	MultiScreen Distributor/Column: Tips 'N Techniques Subject: utility Notes: switch back and forth between 4 40-column text screens with & commands	Andrew Fields
Jun 89	80	SmartBoot 8/16 Distributor/Column: Tips 'N Techniques Subject: utility Notes: easily boot into your choice of ProDOS 8 or ProDOS 16 System: GS	Steve Stephenson
Jun 89	102	Hi-Res Zapper Distributor/Column: Tips 'N Techniques Subject: utility Notes: draw and erase portions of the hi-res screen	John A. Ward
Jun 89	117	Combinations / SCREEN.CLEAR / Chaos Distributor/Column: One- And Two-Liners Subject: statistics / utility / science	Bernard Hayes / Dave Wisti
Jun 89	120	DB Master Professional Distributor/Column: Stone Edge Technologies Subject: data management Notes: a professional relational data management system System: 128K Price: \$295	rb Editors' Spotlight

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 89	1 (	An Available Kind of Hard Disk for Applied Ingenuity Distributor/Column: Applied Ingenuity Key Terms: Applied Engineering, Vulcan Subject: hard disk	
Jul 89	2	Apple's vision of the Apple II line Distributor/Column: Letters Key Terms: John Sculley Subject: policy	David Hindman
Jul 89	2	COPY Multiscribe 3.0 dictionary to RAM disk Distributor/Column: Letters Subject: tip Notes: Desktop 1.1 (MouseDesk improved)	Thomas Eschle / Thomas Samm
Jul 89	4	Nibble Readers -- The Influentials Distributor/Column: Viewpoint Subject: demographics Notes: 42% IIe, 32% IIGS, 15% IIc; 78% DOS 3.3, 80% ProDOS, 89% 128K+ 79% AppleWorks, 67% Print Shop	Mike Harvey
Jul 89	6	John Madden Football; Power R model 3100; The Software Enclopedia 1 Distributor/Column: On The Scene Subject: new products Notes: VDT Environmental Control; Police Blotter; DoubleTalk; Super Story Tree Lunar Greenhouse; Teleworks Plus; Apple Care Manual	
Jul 89	7	Wizardry Essay Contest / SIGGRAPH '89 Art Show Distributor/Column: Raw Data Subject: news	
Jul 89	10	Pool of Radiance Distributor/Column: Strategic Simulations Subject: fantasy Notes: follows TSR's "Official Advanced Dungeons and Dragons" rules the programmers have simulated a fantastic world in great depth System: 128K	rb Neil Shapiro
Jul 89	11	Bad Dudes Distributor/Column: Data East Subject: arcade Notes: has the special "feel" of a Nintendo game System: 128K	
Jul 89	112	Technocop Distributor/Column: U.S. Gold Key Terms: RoboCop, Death Wish Subject: fantasy / arcade Notes: a make-my-day simulation of futuristic police work System: 128K	rb Neil Shapiro
Jul 89	12	retrieving an overwritten program in DOS 3.3 Distributor/Column: Ask Nibble Subject: technique Notes: transferring data without a modem (use a serial cable) booting from the IIc external drive	Roger Wagner
Jul 89	14	MenuPRO Distributor/Column: Cover Feature Key Terms: RAM.FIX Subject: utility Notes: RUN, LOAD, DELETE, RENAME, LOCK, UNLOCK files from an easy-to-use menu	Juan S. Lach
Jul 89	28	Getting Started With PRINT Distributor/Column: Hands On Applesoft Subject: tutorial Notes: commas, semicolons, SPC(n), TAB(n), INVERSE, FLASH, NORMAL, VTAB, HTAB SPEED, HOME	Leslie R. Schmeltz

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 89	36	Sonic Blaster / Sound Ace / Digitizer Professional Distributor/Column: Applied Engineering / Parallax / MDIdeas Subject: sound digitizer Notes: converts sounds to numbers so that a computer can manipulate them System: GS Price: \$130 / \$90 / \$60	rb Arthur Luckower
Jul 89	48	Magic Squares Distributor/Column: Education Corner Key Terms: modular arithmetic, Hindu Single-Step Subject: novelty / math Notes: configures values such that values in each row, column, and diagonal add up to the same total	Mark Cohen
Jul 89	54	Taking a NAP (Non-Apple Printer) Distributor/Column: Working Smarter Subject: technique Notes: using AppleWorks with non-Apple printers	Howard Adkins
Jul 89	58	Applesoft Overlays Distributor/Column: Tips 'N Techniques Key Terms: & Subject: utility Notes: move only the portion of code needed into memory System: ProDOS	E.L. Cranford, Jr.
Jul 89	62	Get my Program Back! (All is not lost) Distributor/Column: Tips 'N Techniques Subject: tip Notes: retrieve an Applesoft program that has been NEWed	Timothy Ste. Marie
Jul 89	64	SuperClock Distributor/Column: Tips 'N Techniques Key Terms: Heartbeat Interrupt Subject: utility Notes: install a permanent display of the day, date, and time on the screen System: ProDOS 16, GS/OS	Peter Stubbs
Jul 89	76	New Desk Accessories in the GS/OS Environment Distributor/Column: Disassembly Lines Key Terms: NDA Subject: technical Notes: the creation of a new desk accessory System: GS	Sandy Mossberg
Jul 89	117	Explorer (arcade game) / Print Shop Graphics Viewer / Micro.TV Distributor/Column: One- And Two-Liners Subject: novelty / utility	Henrique Avila Vianna / Dav
Jul 89	120	HyperStudio Distributor/Column: Roger Wagner Publishing Subject: hypermedia system Notes: bring text, graphics, sound, and animation together interactively package includes sound digitizer, microphone and speaker System: GS Price: \$130	rb Editors' Spotlight
Aug 89	4	Contrasts -- IBM vs. Apple Distributor/Column: Viewpoint Subject: company Notes: IBM is market-driven, while Apple has become product-driven	Mike Harvey
Aug 89	11	Tangled Tales Distributor/Column: Origin Subject: fantasy Notes: a new kind of role-playing adventure and a new user interface	rb Neil Shapiro (Shapiro On

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 89	98	Police Blotter Distributor/Column: Avalon Hill Key Terms: detective Subject: mystery Notes: solve a mystery	rb Neil Shapiro
Aug 89	99	World Karate Championship Distributor/Column: Epyx Subject: arcade Notes: fluid play System: 128K	rb Neil Shapiro
Aug 89	12	Instant Synthesizer / The Weather Machine / LF-895 LaserFeeder Distributor/Column: One The Scene Subject: new products Notes: Where in North Dakota is Carmen Sandiego? / Screenwipe / Pro-Tech printer paper / Go to the Head of the Class / Joshua's Reading Machine BattleTech: The Crescent Hawk's Inception	
Aug 89	13	IIGS battery situation / System Software 5.0 for IIGS Distributor/Column: Raw Data Subject: news Notes: AppleWorks 3.0 is speedy and efficient	
Aug 89	16	Reboot on Control-Reset Distributor/Column: Ask Nibble Key Terms: Burke Transfer Service Subject: technique Notes: convert database files between AppleWorks, PFS-File, DB Master (etc.)	Roger Wagner
Aug 89	19	Nibble Number Cruncher Distributor/Column: Cover Feature Subject: computer science Notes: an RPN calculator	Eric C. Mueller
Aug 89	28	All About Variables Distributor/Column: Hands On Applesoft Subject: tutorial / programming Notes: types of variables, assigning values, INPUT, GET, LET, READ/DATA, RESTORE, type conversions, string manipulations, arrays	Leslie R. Schmeltz
Aug 89	36	Ultra Solutions Distributor/Column: Working Smarter Subject: utility Notes: page numbers, title page System: AppleWorks, TimeOut UltraMacros	Mark A. Heath
Aug 89	46	PFX Distributor/Column: Tips 'N Techniques Subject: utility Notes: select a ProDOS prefix with only a few keystrokes	Bill Tudor
Aug 89	56	Another Applesoft Mover Distributor/Column: Tips 'N Techniques Subject: tip Notes: this solution does not require loading the program twice	Steve Stephenson
Aug 89	58	Mr. Clean Distributor/Column: Tips 'N Techniques Subject: utility Notes: a command to engage the disk drive heads	Jim Richardson
Aug 89	82	The Main Event Distributor/Column: GS Tutorial (Programming the Apple IIGS in Assembly Language) Key Terms: TaskMaster, event-driven Subject: tutorial / programming Notes: the central core of any IIGS desktop applications: the main event loop	Ron Lichty and David Eyes

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 89	101	AWP.READER / COOL.OFF / CAT.DATER Distributor/Column: One- And Two-Liners Subject: utility / novelty	Robert Adams / Bill Thompson
Aug 89	104	Apple II Video Overlay Card Distributor/Column: Apple Key Terms: genlock Subject: video Notes: superimpose Apple II graphics over video images	rb Editors' Spotlight
Sep 89	2	STAR Distributor/Column: Letters Subject: memorial	Robert Johns / letter by Ji
Sep 89	5	Contrasts II -- IBM vs. Apple Distributor/Column: Viewpoint Subject: company Notes: What would you do if you were John Sculley?	Mike Harvey
Sep 89	11	Universal Military Simulator Subject: war / simulation Notes: the game really shines when simulating battles fought before mechanized warfare; plays slowly on the GS System: GS	Sidran, Ezra / rb Neil Shapiro
Sep 89	70	John Madden Football Distributor/Column: Electronic Arts Subject: sports Notes: while the list of options are almost mind-boggling, the game is not only realistic but intuitive to play System: 64K, joystick required	rb Neil Shapiro
Sep 89	73	Street Sports Football Distributor/Column: Epyx Subject: sports Notes: captures the devil-may-care atmosphere of the back lots System: color monitor, joystick recommended	rb Neil Shapiro
Sep 89	12	Using an A-B switch with a IIGS / sharing a hard disk Distributor/Column: Ask Nibble Key Terms: SCSI Subject: technique	Roger Wagner
Sep 89	14	Datalite CRT Trifocal Lens / Executive Series disk wallets Distributor/Column: On The Scene Subject: new products Notes: Animal Tracker, Bird Watcher / SuperGraphix 256 / Graph It! Gnarly Golf / Great Western Shoot-Out and Laser-Force / Innerdrive	
Sep 89	15	Broderbund introduces Japanese software Distributor/Column: Raw Data Key Terms: Kyodai Subject: software Notes: Ancient Land of Ys, Murder Club, Psychic War, Cursive Babylon, Hydlyd	by Doug Herold
Sep 89	18	DB Construction Kit Distributor/Column: Cover Feature Subject: data management Notes: enables you to create a dedicated database management system	Les Stewart
Sep 89	38	Return of the Dinosaurs / Geometry Distributor/Column: American Education / Broderbund / the Learning Company Subject: education (science, math, publishing) Notes: The Children's Learning and Publishing Center	rb Lise Stern
Sep 89	46	Lines and Branching Distributor/Column: Hands On Applesoft Key Terms: GOTO, GOSUB, IF-THEN, FOR-NEXT, ON-GOTO, ON-GOSUB, cash register Subject: tutorial / programming Notes: evaluating expressions, line numbers, subroutines, branching, flags	Leslie R. Schmeltz

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 89	58	Wordsearch Wizard Distributor/Column: Education Corner Subject: puzzle generator Notes: generate a wordsearch puzzle	Lee Smith
Sep 89	66	The Tiny Mailer, Part I Distributor/Column: Applesoft Workshop Subject: tutorial / data management Notes: create a small mailer and learn how to program at the same time	Alexander Laird
Sep 89	90	Grade Sheet Distributor/Column: Working Smarter Subject: education / administration Notes: manage student records System: AppleWorks	Mervin Brubaker
Sep 89	106	Insertion Sort / Jewel / Return.Address Distributor/Column: One- And Two-Liners Subject: utility / graphics	Juan Manuel Gonzalez Nava /
Sep 89	112	geoFile Distributor/Column: Berkeley Softworks Subject: data management Notes: create databases with graphics, computed fields, multiple fonts, and modifiable layouts System: 128K Price: \$69	rb Editors' Spotlight
Oct 89	5	Slot-Machine Management Distributor/Column: Viewpoint Subject: management Notes: you can see slot-machine management in action in jobs that are revolving doors / the antithesis of planning	Mike Harvey
Oct 89	10	Chessmaster 2100 / Rush Hour Rally: A Game of Sequence / Your First Distributor/Column: On The Scene Subject: new products Notes: The Makeover Book / Batman, Robocop / LogoWriter Secondary Fast Tricks to Mental Arithmetic / TML Pascal II, Source Code Library II	
Oct 89	11	A2-Central Developers Conference Distributor/Column: Raw Data Key Terms: GS System 5.0, HyperCard GS Subject: news Notes: Bill Mensch, new languages, Laser Computers, Developer's Association Beagle Bros releases internal AppleWorks/TimeOut routines	
Oct 89	12	Dinosaur Blend Packet / PC Transporter lower price Subject: new products Notes: En Route, Caminando (French and Spanish software educational games)	
Oct 89	13	Using Super Hi-Res graphics from Applesoft / unwanted carriage retu Distributor/Column: Ask Nibble Subject: tip Notes: Spectragraphix 256, Iconix, Sonix, Call Box, ToolMaster, GS BASIC, TML BASIC, AC BASIC, Micol Advanced BASIC	Roger Wagner
Oct 89	14	The Duel: Test Driver II / SuperCars, The California Challenge Distributor/Column: Accolade Subject: simulation Notes: not only a fun game, but a successful simulation System: GS Price: \$50 (optional disks: \$20)	rb Neil Shapiro (Shapiro On
Oct 89	15	Crystal Quest IIGS Distributor/Column: Casady & Greene Subject: arcade Notes: can a Macintosh game make in the GS world? (mostly yes) System: GS Price: \$50	rb Neil Shapiro

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 89	16	Xenocide Distributor/Column: Micro Revelations Subject: arcade Notes: dodge rocks and bugs, enter caves, wind up in the bio-lab top-drawer graphics, sound, and animation System: GS Price: \$50	rb Neil Shapiro
Oct 89	18	Widgets! A Business Simulation Game Distributor/Column: Cover Feature Subject: simulation Notes: you are entrusted with the assets of the corporation and the directors expect a 25 percent return	Alexander Laird
Oct 89	34	Point-to-Point, Modem MGR, Proterm, Teleworks Plus Distributor/Column: Beagle Bros, MGR, Checkmate Technology, Activision (Version Soft) Subject: communications Notes: recommends Proterm with its extra features, Modem MGR is adaptable TeleWorks Plus and Point-to-Point are very easy to use	rb Loren Wright
Oct 89	44	The Ins & Outs of Storage Distributor/Column: Hands On Applesoft Subject: tutorial / programming Notes: store data on disk for safe keeping System: ProDOS, DOS 3.3	Leslie R. Schmeltz
Oct 89	52	The Tiny Mailer, Part II Distributor/Column: Applesoft Workshop Subject: tutorial / programming / data management Notes: learn how to edit random-access files	Alexander Laird
Oct 89	58	Getting the Little Picture Distributor/Column: Nibbling At Assembly Language Key Terms: preshifted shapes, shape table Subject: tutorial / assembly language / graphics Notes: bit-mapped shapes and animation	S. Scott Zimmerman
Oct 89	67	Amper Text Peeker Distributor/Column: Tips 'N Techniques Subject: utility Notes: take a peek at the text screen	Chris Meyer
Oct 89	69	GS Startup Screens Distributor/Column: Tips 'N Techniques Subject: tip Notes: display a Super Hi-Res picture while ProDOS 16 is booting System: GS	Peter Stubbs
Oct 89	74	Hi-Res Inverter Distributor/Column: Tips 'N Techniques Subject: graphics utility Notes: invert a hi-res screen, keeping hi-bit integrity	Ernie Alexander
Oct 89	87	APDA criticism Distributor/Column: Letters Subject: technical support Notes: too much Macintosh, too little service	Scott Alfter
Oct 89	94	Building a Video/Movie Database Distributor/Column: Working Smarter Subject: technique / data management Notes: an AppleWorks template System: AppleWorks	Dwane Jackett
Oct 89	108	GET.PLUS / TYPE.AHEAD buffer / QUICK.CAT Distributor/Column: One- And Two-Liners Subject: utility	Tony Pizza / Andy Haas / Je

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 89	112	ORCA/C Distributor/Column: The Byte Works Key Terms: shell Subject: language Notes: a complete C-development compiler, debugger, and (dual) environment linker allows you to mix C programs with subroutines in other languages System: GS, 1MB Price: \$150	rb Editors' Spotlight
Nov 89	2	Nibble for the PC / 800K 4:1 option may cause file deletion problem Distributor/Column: Letters Subject: magazine / tip	Mike Harvey / Richard A. Wi
Nov 89	5	The New IIGS -- What Next? Distributor/Column: Viewpoint Key Terms: product-driven Subject: computer / marketing Notes: a new IIGS is announced, but there was an absence of commitment from Apple Marketing to sell it / The Apple II is not a toy.	Mike Harvey
Nov 89	12,	ThunderScan GS / GENieus / WorkManager System Distributor/Column: On The Scene Subject: new products Notes: MIDI Poster / Verdict: A Game of Fact or Fiction Controller II (for robots) / Kaleidokubes	
Nov 89	13	AppleWorks Programmers Association: Dave Gair, Don Hoover, Don Aqu Distributor/Column: Raw Data Subject: news Notes: Laser 128EX/2 available on the Home Shopping Network & department stores Dave Harris wins Merit competition for programming	
Nov 89	15	launching Applesoft programs from a file server Distributor/Column: Ask Nibble Subject: technique Notes: changing the file that will be loaded at startup	Roger Wagner
Nov 89	16	Nibble Assembler Distributor/Column: Cover Feature Subject: assembler Notes: an assembler written in Applesoft System: ProDOS, 128K	Kenneth A. Plum
Nov 89	26	Beyond The Basics Of Storage: save it with style Distributor/Column: Hands On Applesoft (book excerpt) Subject: tutorial / programming Notes: random-access files, EXEC	Leslie R. Schmeltz
Nov 89	30	Revolution '76 Distributor/Column: Britannica Software Key Terms: George Washington Subject: simulation / education (history) Notes: assign cabinet posts, administer regional affairs, move armies mouse interface System: GS	rb Neil Shapiro
Nov 89	31	Jack Nicklaus' Greatest 18 Holes of Major Championship Golf/ Gnarly Distributor/Column: Accolade / Fanfare (Britannica) Key Terms: disturbed Subject: sports simulation Notes: similar to Mean 18, but adds computerized opponents / ever played miniature golf atop a gigantic printed circuit board? System: GS Price: \$50 / \$30	rb Neil Shapiro
Nov 89	31	Sporting News Baseball Distributor/Column: Epyx Subject: sports simulation Notes: fantastic graphics, easily played, but doesn't neglect statistics System: 128K (double hi-res) Price: \$40	rb Neil Shapiro

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 89	32	Great Western Shootout / LaserForce Distributor/Column: Fanfare Subject: arcade Notes: it's up to you and six-shooter to clean up assorted baddies hide and shoot in 3-D System: GS Price: \$30 each	rb Neil Shapiro
Nov 89	34	John Elway's Quarterback Distributor/Column: Melbourne House Subject: sports simulation / arcade Notes: a video game simulation, not strictly a football simulation System: GS / IIe/IIc Price: \$40 / \$30	rb Neil Shapiro
Nov 89	35	Windwalker / Omega / Space Rogue Distributor/Column: Origin Systems Key Terms: Robot War Subject: fantasy Notes: extends Moebius / design robotic tanks / fantasy ported to a hard-science universe System: 64K Price: \$40 / \$50 / \$50	rb Neil Shapiro
Nov 89	36	Star Saga Two: The Clarthan Menace Distributor/Column: Masterplay Subject: fantasy Notes: the computer acts as a referee for this "novel coming to life" System: GS Price: \$80	rb Neil Shapiro
Nov 89	38	Trinum Distributor/Column: Featured Game Subject: strategy Notes: capture the three corner triangles	Gary Knox
Nov 89	45	The Tiny Mailer, Part III: final step: lists and labels Distributor/Column: Applesoft Workshop Subject: tutorial / programming / data management Notes: read a random-access file and print a listing or mailing labels	Alexander Laird
Nov 89	54	Search Sampler Distributor/Column: Tips 'N Techniques Subject: technique Notes: experience the difference in speed between a linear search and a binary search	Antonio De Pasquale
Nov 89	58	VisiSort Revisited Distributor/Column: Education Corner Subject: technique Notes: watch animated sorts: bubble, bi-bubble, interchange, Shell-Metzner, Quick Sort	Bill Fortenberry
Nov 89	62	ASCII File Reader Part 1 Distributor/Column: Disassembly Lines Subject: tutorial Notes: core elements of a GS/OS desktop application System: APW assembler	Sandy Mossberg
Nov 89	108	Robot Catch / Channels / Inertia Distributor/Column: One- And Two-Liners Subject: demo / arcade	David Roberts / Lans Carste
Nov 89	112	Neurobics Distributor/Column: Ocean Isle Software Subject: mind / self-improvement / education Notes: increase your deductive powers, flex your short-term memory, exercise your concentration / with wide levels of difficulty Price: \$45	Bonner, Robert and James Ke

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 89	5	Help Us Help You Distributor/Column: Viewpoint Subject: support Notes: standards for publishing programs, guidelines for entering programs, support from Nibble authors	Mike Harvey
Dec 89	7	HIMEM: and DOS (ProDOS expect HIMEM: to be on a page boundary) Distributor/Column: Ask Nibble Subject: tip Notes: accessing the GS System monitor	Roger Wagner
Dec 89	12	Cordless Mouse / Tutor-Tech / Software Solutions Catalog Disk Distributor/Column: On The Scene Subject: new products Notes: OGI Pascal Development System, Peterson's College Selection Service 1990 Chinook SCSI Utilities, The Playroom, Earl Weaver Baseball	edited by Doug Herold
Dec 89	106	Handwriting Analyst / TAXCALC-89 / Pow! Zap! Kerplunk! Distributor/Column: On The Scene Subject: new products Notes: Classroom News International	
Dec 89	13	San Francisco AppleFest: Apple II Developer's Association, Barney St Distributor/Column: Raw Data Subject: news Notes: Apple IIGS, Mac interest, Jean-Louis Gasee vs. Bill Mensch ABACI Gallery of Computer Art wants submissions	
Dec 89	14	Treasure Dive Distributor/Column: Cover Feature Subject: arcade Notes: retrieve treasure chests while avoiding ravenous underwater creatures	John Romero and Robert Lave
Dec 89	27	Editing and Debugging Distributor/Column: Hands On Applesoft Subject: tutorial / programming Notes: error messages and diagnosis / Applesoft editing	Leslie R. Schmeltz
Dec 89	31	Windwalker Distributor/Column: Origin Systems Key Terms: I Ching, Moebius Subject: adventure / fantasy Notes: a wonderful melding of fictional(?) history, fluid game controls, and a Chinese Box of puzzles and conundrums to solve System: 128K Price: \$40	Malone, Greg / rb Neil Shap
Dec 89	34	AppleWorks 3.0 Distributor/Column: Claris Subject: integrated Notes: improved word processor, database, spreadsheet; spelling-checker added clever sample files, smart clipboard	Lissner, enhanced by Bird,
Dec 89	42	Free Space Distributor/Column: Apple Utility Subject: disk utility Notes: an NDA which tells how much room is left on each disk drive System: ProDOS 16 / ORCA/M	Alan H. Stein, Ph.D.
Dec 89	53	Ticket Kit Distributor/Column: Special Program Subject: publishing Notes: create raffle and admission tickets	Val H. Adkins
Dec 89	60	Hex File Checker Distributor/Column: Inside Applications Subject: utility Notes: check machine language programs eight bytes at a time	Les Stewart

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 89	66	Two Line Tips Distributor/Column: Tips & Techniques Subject: technique Notes: shrinking a program into two lines (TL.BOMBER)	Gerald Breaux
Dec 89	70	Universal Number Conversion Distributor/Column: Tips & Techniques Subject: math Notes: convert a number from any number base to any other	Garth A. Perry
Dec 89	98	Apples in Australia Distributor/Column: Letters Subject: support Notes: these is less and less importing of software	Les and Jewl Bould
Dec 89	109	Statement of Ownership, Management and Circulation Subject: magazine Notes: 51,520 average paid	
Dec 89	111	Nibble.Express / Nibble.Apples / Basket Distributor/Column: One- And Two-Liners Subject: novelty	Chris Tenden / Bill Thompso
Dec 89	112	Graph It! Distributor/Column: Timeworks Subject: business graphics Notes: supports column, stack column, bar, line, line/column, scatter, area, pie chart, or 3-D / does not support laser printers System: 128K Price: \$70	rb Editors' Spotlight
Jan 90	5	Using a hard disk with a Laser 128 Distributor/Column: Ask Nibble Key Terms: Chinook Technologies, Smartport Subject: tip Notes: increasing Applesoft precision (SANE, Micol BASIC; ZBASIC:4/90,p90) locating Apple Users Groups / using memory expansion on IIC	Roger Wagner
Jan 90	7	Our Tenth Anniversary Distributor/Column: Viewpoint Key Terms: expense/revenue collision model, PC Hands On Subject: company Notes: looking back at 10 years of Nibble	Mike Harvey
Jan 90	18	Learn to Program (C and Pascal) / Prince of Persia / ComputerEyes Distributor/Column: On The Scene Subject: new products Notes: AppleWorks GS revision / Educational Computer Conferences PC Transporter and True BASIC	edited by Doug Herold
Jan 90	20	Line Manager Distributor/Column: Special Program Subject: utility Notes: uses auxiliary memory to renumber Applesoft program	James R. Haynes
Jan 90	30	Keef The Thief Distributor/Column: Electronic Arts Subject: fantasy Notes: beautiful graphics, but combat is extremely difficult System: GS Price: \$50	rb Neil Shapiro
Jan 90	31	The Ancient Art of War Distributor/Column: Electronic Arts Subject: simulation / war Notes: finally out for the Apple II System: 128K Price: \$45	rb Neil Shapiro

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 90	32	Arkanoid II Distributor/Column: Taito Subject: arcade Notes: even more fillups plus a construction set System: GS Price: \$35	
Jan 90	34	10 Top Tips: GET and CHR\$; entering strings with commas, error list Distributor/Column: Tenth Anniversary Special Subject: tip Notes: EXEC tricks; shades and textures; VAL; word count; increasing program speed; screen print; retrieve cleared program	compiled by Rich Williams
Jan 90	46	Polishing Your Hard Disk Distributor/Column: Working Smarter Key Terms: fragmentation Subject: technique / hard disk Notes: loading your drive; program selectors	Vern L. Mastel
Jan 90	49	Vulcan and Inner Drive Distributor/Column: Applied Engineering / Applied Ingenuity Subject: hard disk Notes: a comparison of internal hard drives	rb Loren Wright
Jan 90	76	ASCII File Reader (part II) Distributor/Column: Disassembly Lines Subject: technique Notes: displaying and printing text files creation of an application window, drawing of text, printing hard copy System: GS/OS	Sandy Mossberg
Jan 90	104	Over The Rainbow Distributor/Column: Education Corner Subject: education (science) Notes: refraction and reflection of light	Whitney Harris
Jan 90	116	Underscore cursor / Apple II rallying cry / equation solver Distributor/Column: One- And Two-Liners Subject: novelty	Francoise Blais / David Ran
Jan 90	117	Little Shoppers Kit / How to Use the Features of AppleWorks 3.0 Subject: new products Notes: Grand Prix Circuit	
Jan 90	120	Controller II Distributor/Column: MorTech Key Terms: LEGO Subject: robotics Notes: control a variety of robotic devices from Applesoft or Logo Price: \$199	rb Editors' Spotlight
Feb 90	2	Reader wants object code with source code Key Terms: disassemble Subject: policy	Mike Beaumont
Feb 90	5	Loading and Saving Double Hi-Res pictures Distributor/Column: Ask Nibble Subject: technique Notes: tricky because the screen is saved in two parallel banks of memory System: 128K	Roger Wagner
Feb 90	7	Paying The Bills Distributor/Column: Viewpoint Subject: business Notes: you can't build cash without profit; but cash, not profit, pays bills	Mike Harvey
Feb 90	8	GS16Forth II / Creature Cube / Dark Castle GS / USA GeoGraph Distributor/Column: On The Scene Subject: new products Notes: GEnie Hobby RoundTable / The Blue Angels (flight simulator) Carmen Sandiego Merchandise Collection / Dark Heart of Uukrul Gradebook Plus / Knights of Legend / Fast Break (basketball)	

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 90	13	The Three Stooges Distributor/Column: CinemaWare Subject: arcade Notes: control the antics of the trio as they careen, punch, and work their way around Stoogetown System: GS Price: \$50	rb Neil Shapiro
Feb 90	14	Prince of Persia Distributor/Column: Broderbund Subject: arcade / adventure Notes: the fluid animation of Karateka is taken to new heights System: 128K Price: \$35	Mechner, Jordan / rb Neil S
Feb 90	18	Real Estate Advisor Distributor/Column: Cover Feature Subject: real estate Notes: Creates a five-year itemized report of mortgage costs, most deductions, estimated taxes and tax refunds. Also compares owning vs. renting System: 80-columns	Robert Albanito
Feb 90	32	Avoiding More Bugs Distributor/Column: Hands On Applesoft Subject: technique Notes: disk error messages	Leslie Schmeltz
Feb 90	34	Stranded Distributor/Column: Featured Game Subject: strategy Notes: use your anti-matter bombs to trap your enemy	Donald W. Miller, Jr., M.D.
Feb 90	39	GS Alarm Distributor/Column: Special Program Key Terms: interrupt Notes: alerts you to appointments and events System: GS / Merlin 8/16 assembler	Elwood J.C. Kureth
Feb 90	68	Applesoft POPping Distributor/Column: Tips & Techniques Subject: technique Notes: executing a POP causes one RETURN to "pop" off the stack of the RETURN address	Mark Craven
Feb 90	72	Choose With Booleans Distributor/Column: Tips & Techniques Subject: technique Notes: boolean logic can be used whenever a Yes/No situation exists	Kenn Chapman
Feb 90	74	Assembly Random Number Generator Distributor/Column: Tips & Techniques Subject: utility Notes: calling the BASIC random number routine from assembly	Steve McClendon
Feb 90	76	The Ugly Duckling / Stone Soup / Once Upon a Time... II Distributor/Column: Byte Works / William K. Bradford / Compu-Teach Key Terms: Hans Christian Anderson Subject: education (reading, creativity) Notes: three programs that approach children's literature and reading skills in entertaining ways	rb Lisa Maddox
Feb 90	86	PYRAMID / NEGASCREEN / MENU.MAKER Distributor/Column: One- And Two-Liners Subject: novelty / utility Notes: watch slaves create the Great Pyramid	Bill Currie / Antonio Napoli
Feb 90	88	Pow! Zap! Ker-Plunk! Distributor/Column: Pelican Software Key Terms: Stan Lee, Jack Kirby Subject: publishing (comic book) Notes: create a comic strip Price: \$50	rb Editors' Spotlight

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 90	2	Aphasia & The Apple II Distributor/Column: Letters Subject: handicapped Notes: Apple IIc and speech synthesizer used in therapy for stroke victim	Capt. John L. Pum c/o The A
Mar 90	5	relocatable files Distributor/Column: Ask Nibble Key Terms: REL, relocating loader, OMF load file Subject: technical Notes: position-independent code is needed if the program doesn't know where it is to be loaded (as on the IIGS)	Roger Wagner
Mar 90	6	Acres of Diamonds Distributor/Column: Viewpoint Key Terms: hardware, distribution, software Subject: business Notes: sometimes you can find diamonds in your own back yard	Mike Harvey
Mar 90	10	Cartooners In Space / The Ancient Land of Ys / 2088: The Cryllan Mi Distributor/Column: On The Scene Subject: new products Notes: Find Noriega! / toll-free search on CompuServe / Geographic JigSaw Fontrix (support foreign fonts) / The Centauri Alliance Keep Your Balance (algebra) / CrossWorks 2.0 (Apple to MS-DOS transfer)	edited by Arthur S. Luckowe
Mar 90	13	Knights of Legend Distributor/Column: Origin Subject: fantasy Notes: an instant classic / breakthru use of icons to control gameplay System: 64K / mouse supported Price: \$50	Porter, Todd / rb Neil Shap
Mar 90	20	ProDOS Disk Doctor Distributor/Column: Cover Feature Subject: disk utility Notes: recover lost files, deallocate bad disk blocks, learn how ProDOS stores and keeps track of data on your disk	Michael Anderson
Mar 90	34	Errors Without Messages Distributor/Column: Hands On Applesoft Subject: programming Notes: error trapping, error handling, avoiding errors	Leslie Schmeltz
Mar 90	40	Bicycle Log Distributor/Column: Working Smarter Subject: recreation Notes: keeping track of bicycle training rides System: AppleWorks spreadsheet	Loren Wright
Mar 90	44	Custom Bingo Distributor/Column: Education Corner Subject: educational game Notes: a program that produces Bingo-style game cards	Terry W. Baylor
Mar 90	50	Apple Split Screen Distributor/Column: Tips & Techniques Subject: utility Notes: view and edit two distant parts of an Applesoft program at the same time	William Simpson
Mar 90	55	Applesoft Inverse Functions Distributor/Column: Tips & Techniques Key Terms: trigonometry, Pythagorean Theorem Subject: education (mathematics) Notes: formulas for arc-sines and arc-cosines	David Mueller
Mar 90	72	A Giant Leap: System Software 5.0 Distributor/Column: Disassembly Lines Subject: operating system / technical Notes: an overview and a demonstration of one of the many improvements in the updated Toolbox / Resource Manager, TextEdit, Window Manager, Control Manager, Tool Locator, Desk Manager, Print Manager, SFO, FINDER, Control Panel NDA, ProDOS 8 1.8, BASIC.SYSTEM 1.3, System Disk 5.0.2	Sandy Mossberg

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 90	78	Disk-File Management Distributor/Column: Review Board Subject: utility Notes: five file managers: ProSel-16 ver 8.1, HyperLaunch 3.0, JumpStart 2.5, EasyDrive 1.6a, ProSel-8 ver 4.0	rb Rudy Guy
Mar 90	91	Battle Chess Distributor/Column: Interplay Subject: strategy (board) Notes: state-of-the-art graphics and animation, but less than a stat-of-the-art chess program System: GS Price: \$50	rb Neil Shapiro
Mar 90	91	Downhill Challenge Distributor/Column: Broderbund Subject: simulation / sports Notes: fast, visual, and very involving System: GS Price: \$30	rb Neil Shapiro
Mar 90	99	SCRN.80 / SPACE.WEIGHTS / FRAMER Distributor/Column: One- And Two-Liners Subject: utility / science / utility Notes: double lo-res SCRN function / find your weight on the moon and planets create a MouseText window with shadowing	Brian Wells / Desmond Daign
Mar 90	104	Jam Session Distributor/Column: Broderbund Subject: music Notes: create professional-league jams -- even if you can't play the air guitar System: GS / stereo card optional Price: \$50	Bogas Productions / rb Edit
Apr 90	2	An Open Letter to Ken Williams, Sierra On-Line Distributor/Column: Letters Subject: industry Notes: Neil asks Ken to reconsider his abandonment of the Apple II	Neil Shapiro
Apr 90	5	AppleFest...?...! Distributor/Column: Viewpoint Subject: industry Notes: good and bad news about Applefest (it's still there, but it's changed)	Mike Harvey
Apr 90	7	Budget IIGS / AppleWorks file format / GS/OS file save bug Distributor/Column: Ask Nibble Subject: shopping / technical	Roger Wagner
Apr 90	8	Spelling Rules / DisClean Disk Drive Cleaning System Distributor/Column: On The Scene Subject: new products Notes: Teflon coated disk from Verbatim / superfast AppleTalk network bridge DB Master BASIC Programmer's Pak and Developer's Pack / The World Disk The UltraMacros Primer / Martek detachable keyboard / Appmaker/GS GTV (A Geographical Perspective on American History), QIX (6/90,12:GS), Disk Label Printer PRO	edited by Arthur S. Luckowe
Apr 90	14	Clue: Master Detective Distributor/Column: Virgin Mastertronic (for Parker Brothers and Waddington Games) Subject: mystery / board Notes: a successful conversion of the board game makes it more fun than ever before System: 64K Price: \$40	rb Neil Shapiro
Apr 90	16	Solitaire Royale Distributor/Column: Spectrum Holobyte Key Terms: user-interface Subject: card Notes: a successful translation of seven different versions of Solitaire System: GS Price: \$35	rb Neil Shapiro

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 90	92	2088: The Cryllan Mission Distributor/Column: Victory Software Subject: fantasy Notes: visually spectacular, but confusing manual and talkative characters System: GS, 1.25 MB Price: \$70	rb Neil Shapiro
Apr 90	18	Sound Wizard Distributor/Column: Cover Feature Subject: utility / sound effects Notes: adds six new commands to Applesoft	Joseph J. Strout
Apr 90	25	Solving Simultaneous Equations Distributor/Column: Working Smarter Subject: math Notes: using a spreadsheet or macros System: AppleWorks / UltraMacros	Sid Powers
Apr 90	30	Playing The Slots Distributor/Column: Hands On Applesoft Subject: technical Notes: slot management techniques for peripherals / hand controller port, disk controllers and drives, printers	Leslie R. Schmeltz
Apr 90	33	RAMDISK 3.3 Distributor/Column: Special Program Subject: utility Notes: speed up DOS 3.3 operations on a GS System: GS	Edward D. Omiccioli, Jr.
Apr 90	38	ProDOS Linker Distributor/Column: Apple Utility Subject: utility Notes: adds three commands to ProDOS to give BASIC.SYSTEM the ability to catalog and load files from DOS 3.3 disks	Mark Hadley
Apr 90	50	Morse Code Tutor Distributor/Column: Education Corner Key Terms: ham radio Subject: education Notes: translate and practice sending and receiving Morse Code	John Whitney
Apr 90	70	Hi-Res Color Scout Distributor/Column: Tips & Techniques Key Terms: USR Subject: utility Notes: a SCRN function for Hi-Res which returns the color of the pixel	Scott Alfter
Apr 90	80	ML Integrator Distributor/Column: Tips & Techniques Subject: technique Notes: place machine code underneath Applesoft in a single step	Stephen M. Hall
Apr 90	89	UC.ALL and UC.LEAD / DRIFT / INTEREST Distributor/Column: One- And Two-Liners Subject: utility / graphics / finance Notes: accept keyboard input and convert to upper case	Brian Mattick / Prem A. Nan
Apr 90	96	Whales Distributor/Column: Advanced Ideas / National Audobon Society Subject: education Notes: goes beyond normal science subject and takes the user on a wildlife adventure System: IIe, IIC, (IIGS specific version available) Price: \$50 (\$60)	rb Editors' Spotlight
May 90	2	All I Ever Needed To Learned About My Computer, I Learned From Nibb Distributor/Column: Letters Subject: tip	David Hickey-Schiappa (with

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 90	92	Vaporware from Microprose Subject: industry Notes: Gunship from Microprose is not only vaporware, but has been canceled	Gary G. Bond
May 90	5 (	Pruning -- The 80:20 Rule Distributor/Column: Viewpoint Key Terms: reality, customer, allocation of resources Subject: management Notes: Mindcraft faces the 80:20 rule and ceased publication of Macintosh Hands On	Mike Harvey
May 90	7 (	BSAVING files / patch PaintWorks Gold and DeluxePaint II for GS/OS Distributor/Column: Ask Nibble Subject: tip Notes: recent versions of BASIC.SYSTEM can shorten file lengths	Roger Wagner
May 90	10	Menu Master / European Challenge for the Duel: Test Drive II Distributor/Column: On The Scene Subject: new products Notes: Tech-Sa-Port, Beatle lawsuit, Apple adopts one-year warranty, Beagle PerformancePak, StylePak, DecisionPak, Desktop Painter (PDS), GSNumerics	edited by Arthur S. Luckowe
May 90	14	Panzer Battles Distributor/Column: Electroni Arts (for Strategic Studies Group) Subject: war Notes: a smooth recreation of six battles from the Russian front of WWII System: 64K Price: \$40	rb Neil Shapiro
May 90	15	McGee Distributor/Column: Lawrence Productions Subject: education Notes: a charming odyssey into the life and daily morning routines of a two-year old child / the world's first adventure game for toddlers System: GS Price: \$40	rb Neil Shapiro
May 90	89	Silpheed Distributor/Column: Sierra On-Line Subject: arcade Notes: exciting animation, but sparse color System: GS Price: \$35	rb Neil Shapiro
May 90	18	Directory Designer Distributor/Column: Cover Feature Subject: utility Notes: arrange your files in any order you like System: ProDOS / Merlin Pro	Sandy Mossberg
May 90	30	Getting A Line On Graphics Distributor/Column: Hands On Applesoft Subject: programming / graphics Notes: graphics and text, low-resolution, High-Resolution Graphics, shape tables	Leslie R. Schmeltz
May 90	35	Hyper-Res Plus Distributor/Column: Tips & Techniques Subject: utility Notes: enable dot and linear graphics within a 560 by 192 dot resolution window	Alvin Tutas
May 90	41	Print Shop Graphic Browser Distributor/Column: Working Smarter Subject: utility Notes: flip through and view Print Shop graphic image files	Robert Thrasher

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 90	50	AppleWorks Add-Ons Distributor/Column: Review Board Subject: utility / business Notes: TimeOut UltraMacros, PowerPack, SideSpread, ReportWriter Alpha Check, SuperPatch 6.1, RepairWorks Ultra Payroll, Ultra Invoice	rb Loren W. Wright
May 90	78	Array Saver Distributor/Column: Tips & Techniques Subject: utility Notes: efficiently save arrays to disk with a simple CALL	Grant Stevens
May 90	84	String Formatter Distributor/Column: Tips & Techniques Subject: utility Notes: two routines to prevent words from breaking at the end of the screen	Mike Pridmore
May 90	88	APPLE.OUT / BLOCKS.FREE / MINDS.EYE Distributor/Column: One- And Two-Liners Subject: utility / graphics Notes: direct output to the print with the OA-key find free space on disk	Rick C. Petty / Jerry Wickw
May 90	96	Cross-Works 2.0 Distributor/Column: SoftSpoken Subject: utility / file transfer Notes: transfer AppleWorks files to a PC (and back) Price: \$100	rb Editors' Spotlight
Jun 90	2 (	OLD DOS, OLD TRICKS? Distributor/Column: Letters Subject: technology Notes: reader says we should not cling to old ideas like DOS 3.3	James A. Westlake
Jun 90	5	The Apple II: Stay Tuned... Key Terms: LCM, Trackstar Subject: computer Notes: Apple Computer understands the position of the Apple II user, but has an obvious dilemma (Macintosh)	Mike Harvey
Jun 90	9	PIN Distributor/Column: Ask Nibble Subject: technical Notes: Peripheral Identification Number represents port settings	Roger Wagner
Jun 90	10	King's Bounty Distributor/Column: New World Computing Key Terms: auto-mapping Subject: fantasy Notes: deep and detailed, but simple to play wonderful introduction to role-playing System: 128K, color recommended	rb Neil Shapiro
Jun 90	11	The Ancient Land of Ys Distributor/Column: Kyodai Subject: fantasy / arcade Notes: recover the Six Books of Ys, but bill-yuns of creatures are out to stop you System: GS	rb Neil Shapiro
Jun 90	12	Firepower Distributor/Column: Microillusions Subject: arcade Notes: a tank battle that can be played via modem System: GS	rb Neil Shapiro
Jun 90	14	Publish It! version 3 / OmniMac Ultra keyboard for IIGS Distributor/Column: On The Scene - new products Notes: Apple II High-Speed SCSI Card / Scholastic Guide to Educational Computer Networks / Exploring Tidepools / Apple II Software Sales Sliding Chinook 4 MB RAM card / DB Master 5.0 goes shareware Kid-Leidoscope (magazine on disk) / How to User the Features of AppleWorks 3.0 (videotape) / AppleFiesta '90 / America Online	edited by Arthur S. Luckowe

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 90	18	Memory Master Distributor/Column: Cover Feature Subject: utility Notes: displays a block and memory in hex or ASCII and allows you to edit it	J. Morris Prosser
Jun 90	26	Whodunit Distributor/Column: Featured Game Key Terms: Clue, logic Subject: mystery Notes: who killed Sylvester Sidebottom?	Constance Fairbanks
Jun 90	30	Spelling & Grammar Checkers Distributor/Column: Review Board Subject: spelling checker / grammar checker Notes: Sensible Speller, AppleWorks 3.0, Timeout: QuicksPELL, Wordbench, Sensible Grammar	rb Frank Dooling
Jun 90	36	Switched On Graphics Distributor/Column: Graphics Workshop Subject: graphics / tutorial Notes: high-resolution graphics and soft-switches	David Harris
Jun 90	40	Smart Color Fill Distributor/Column: Tips & Techniques Subject: graphics utility Notes: a new algorithm to fill almost a complex black area with color	Brent Iverson
Jun 90	50	Poking Dynamic Displays Distributor/Column: Tips & Techniques Key Terms: PRINT Subject: technique Notes: using POKE, create a title screen with moving characters	George Tylutki
Jun 90	55	Hex Pad Distributor/Column: Special Program IIGS Subject: utility Notes: configure your numeric keypad to act as a hexadecimal keypad System: GS	Mark Heath
Jun 90	73	Font Conversion Distributor/Column: Working Smarter Subject: utility Notes: convert Publish It! fonts to GS system fonts and back System: ProDOS	Rudy A. Guy
Jun 90	78	Odometer Distributor/Column: Featured Application Subject: home Notes: track operating coests and mileage for one or more cars	Matt Cox
Jun 90	91	Fireworks / Marquees / Address.Peeper Subject: novelty / One- And Two-Liners	Ben Houston / Curt Esser /
Jun 90	96	Design Your Own Home, Landscape Distributor/Column: Abracadata Subject: landscaping Notes: draw your house and select plantings to put around it System: GS / IIe,c Price: \$90 / \$70	rb Spotlight
Jul 90	3	The Apple II Spirit... Distributor/Column: Viewpoint Subject: plea Notes: what you can do to help the Apple II (and Nibble)	Mike Harvey, et al
Jul 90	5	Abandoning the Apple II? Subject: magazine Notes: "let me say unequivocably that we are not abandoning the Apple II"	Jake Angerman / Mike Harvey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 90	5 (	AMR disk drive and Broderbund software Distributor/Column: Letters Subject: hardware Notes: Broderbund only tests their software on Apple hardware	Kay Sargent / Joe W. Shoema
Jul 90	7	Copying Problems with System 5.0 Distributor/Column: Ask Nibble Key Terms: CDEV, resource fork Subject: technical Notes: System 5.0 introduced resources (which is not supported by some file copy utilities)	Roger Wagner
Jul 90	11	Wraith Distributor/Column: Nite Owl Productions Subject: fantasy Notes: "while not the world's most state-of-the-art game ... it gets my vote for best gaming value to the consumer of any game ... in the past few years" / reminiscent of Ultima but with some intriguing concepts System: 3.5" drive required Price: \$9.95 (special until 1991)	Carmack, John / rb Neil Sha
Jul 90	15	Start Talking (education) / Tutor-Tech upgraded / Katie's Farm Distributor/Column: On The Scene Subject: new products Notes: Laser 190A printer / Second Chance V2.0 / Apple Networking books Corvus Constellation III Plus (network) / Scholastic 128K upgrade offer Color+ (SHR paint program) / AppleWorks/Network / Time Navigator (social studies) / 8MHz Zip Chip / GEnie's Computer Assisted Learning Center	edited by Arthur S. Luckowe
Jul 90	15	Is there a faster IIGS in the works? Distributor/Column: Raw Data Key Terms: video Subject: rumor / news Notes: Sculley says there will be a Macintosh which runs Apple II software	
Jul 90	18	Nibble Spelling Checker Distributor/Column: Cover Feature Subject: spelling checker Notes: check spelling of words in text files	Les Stewart
Jul 90	29	Envelope Printer Distributor/Column: Tips & Techniques Subject: home / business Notes: print professional-looking envelopes on your Epson or ImageWriter	Bill Pumphrey
Jul 90	32	Mouse Cursor Distributor/Column: Tips & Techniques Subject: technique Notes: a fast, simple mouse interface for your BASIC programs	Darren Conrad
Jul 90	38	Apple MOD Function Distributor/Column: Tips & Techniques Subject: technique / math Notes: an assembly routine	William Simpson
Jul 90	42	Beyond HPLLOT Distributor/Column: Graphics Workshop Key Terms: Woz Subject: tutorial / graphics Notes: memory overview, pixel layout, graphics page layout, saving and loading hi-res screens	David Harris
Jul 90	53	Pawns Distributor/Column: Featured Game Subject: strategy Notes: move one of your eight pawns all the way up the board before the computer can do the same to you	David Roth

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 90	78	Text Editor Part I: Resource Forks Distributor/Column: Disassembly Lines Key Terms: REZ file, Subject: technical Notes: create the resource fork for an extended application file that serves as a simple text editor / Tool Startup, Menu, Alert String, window, control resources System: GS / Programming Tools & Interfaces for APW, version 1.1	Sandy Mossberg
Jul 90	92	HR.Merge / RUN / STRIKE Distributor/Column: One- And Two-Liners Subject: utility / arcade / demo (baseball) Notes: merge two hi-res screens into a Double Hi-Res screen	Bernie Purcell / Frank McCo
Jul 90	96	MD-BASIC Distributor/Column: Morgan Davis Group Subject: programming language Notes: a preprocessor for Applesoft which allows Pascal-type control structures and long variable names / includes 30 ampersand commands System: GS Price: \$50	Davis, Morgan / rb Editors'
Aug 90	3	Expect? Inspect! The Heisenberg Principle Distributor/Column: Viewpoint Subject: management Notes: The Heisenberg Principle not only asks what is going on, it asks why	Mike Harvey
Aug 90	8	Unable to load ProDOS error Distributor/Column: Ask Nibble Subject: technical Notes: need to put ProDOS on the disk	Roger Wagner
Aug 90	8	using RAM on the 16K card from Applesoft Distributor/Column: Ask Nibble Key Terms: Extra K Subject: technique Notes: the easiest to way to gain more working space is with a DOS Mover	Roger Wagner
Aug 90	10	Centauri Alliance Distributor/Column: Broderbund Subject: fantasy Notes: fantasy role-playing brought to a 1950s science-fiction setting System: 64K, mouse supported Price: \$50	rb Neil Shapiro (Shapiro On
Aug 90	12	Math Shop Jr., Math Shop Spotlight: Fractions and Decimals I Distributor/Column: On The Scene Subject: new products / news Notes: Weights and Measures / HyperStudio 2.1 run-time Archive Disk File Modular Cube Unit Ralph Russo appointed Director Apple II Laser 128 All-In-One Systems / MousePen ADB / Paper Direct TimeOut TextTools, SuperFonts Activity Guide, TimeOut MacroEase	edited by Dawn Monahan
Aug 90	15	The Shape of Things to Come Distributor/Column: Graphics Workshop Subject: graphics tutorial Notes: creating shape tables, using shape tables from Applesoft, Applesoft drawing commands, high resolution text	David Harris
Aug 90	20	Screen Saver Distributor/Column: Special Program IIGS Subject: utility Notes: save to disk any Super Hi-Res graphic on the screen System: GS/OS, Orca/M Assembler	Thomas Dorris
Aug 90	26	Time Card Conversion Distributor/Column: Working Smarter Subject: business Notes: convert hour and minutes into decimal time System: AppleWorks	Joseph Chiaia

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Aug 90	30	Fast Input Anything Distributor/Column: Tips & Techniques Key Terms: GETLN Subject: tip Notes: read lines to text containing commas and colons	Mark J. Yannone
Aug 90	34	Which Apple? Distributor/Column: Tips & Techniques Subject: technique Notes: identify exactly what kind of Apple you have (there are 13 types!)	Jim Ferr
Aug 90	44	Virtual Memory Distributor/Column: Cover Feature Subject: utility Notes: patches Applesoft to allow for virtual arrays of up to 16 MB each, limited only by the capacity of the external storage device	John R. Vokey, Ph.D.
Aug 90	56	Decimal Formatter Distributor/Column: Tips & Techniques Subject: routine Notes: subroutines to print the value of a variable in a format you specify	Silvio Balestrini
Aug 90	71	Apple Sign / Snowflakes / Day of Week Distributor/Column: One- And Two-Liners Subject: novelty / technique	Henrique Avila Vianna / Ger
Aug 90	80	Katie's Farm Distributor/Column: Lawrence Productions Subject: education Notes: McGee furthers his explorations by visiting his cousin Katie on the farm System: GS, 1MB Price: \$40	rb Editors' Spotlight
Sep 90	3	A Sharp Pencil in Hard Times Distributor/Column: Viewpoint Key Terms: 80:20 Rule, zero-based budgeting Subject: business Notes: there are two sides to the financial equation: revenue and cost	Mike Harvey
Sep 90	45	Singapore Apple Users Group Distributor/Column: Letters Subject: users group	David Ong
Sep 90	7	Using the Vertical Blanking register Distributor/Column: Ask Nibble Subject: technique Notes: the problem that occurs without the VBL register, and how to avoid the problem	Roger Wagner
Sep 90	8	EuroWorks 3.0 / Call Box TPS Version 2.1 / Hands-On Math / ZIP Chip Subject: new products / news Notes: AppleFest moves / Menu Master / Hop To It!	edited by Dawn Monohan
Sep 90	10	Test Writer Distributor/Column: Main Feature Subject: education Notes: allows you to create, edit, and save your own test questions handles multiple choice, true and false, fill-in-the-blanks, essay questions, matching	Dwane Jackett
Sep 90	16	Microscope / Windows Distributor/Column: MindCraft's Best Apple II Programs Subject: novelty	
Sep 90	22	Sumit Distributor/Column: Education Corner Subject: education / math game Notes: Sumit merely tests addition skills, but it is visually and aurally stimulating	Bill Thompson

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 90	29	EXEC Power Distributor/Column: Tips & Techniques Subject: technique Notes: an EXEC program to help merge programs	Tobi Hoffman
Sep 90	42	Using USR Distributor/Column: Tips & Techniques Key Terms: FAC Subject: technique Notes: the USR() function passes a numeric variable from Applesoft to a machine language subroutine already in memory	Mark R. Craven
Sep 90	46	Tools for Teachers: New Ideas for the Electronic Classroom Distributor/Column: various Subject: education Notes: StoryWorks (hypertext for AppleWorks files), Spell It Plus, All Star Drill, S.M.A.R.T Choices, The Little Shoppers Kit Teasers By Tobbs with Integers, The Classroom Toolbox, HyperPostCards, HyperScreen, Logo Math: Tools and Games	rb Rudy Guy & Jim Wiggerhor
Sep 90	54	Code Breaker: Anatomy of a One-Liner Distributor/Column: Tips & Techniques Subject: strategy / technique Notes: traces the "birth" or a one-liner from the definition of its purpose to the actual program	Daniel P. Kiechle
Sep 90	58	Hexaddition Distributor/Column: Tips & Techniques Subject: technique / math Notes: add or subtract hex numbers	David Hickey-Schiappa
Sep 90	63	MELBOURNE.OZ / Nose Cone / BLOX Distributor/Column: One- And Two-Liners Subject: graphics / novelty	Bill Currie / Santiago Ferr
Sep 90	64	Tutor-Tech 2.6 Distributor/Column: Techware Key Terms: hypermedia Subject: multimedia / education Notes: a multimedia package that predates HyperCard the newest version supports VCRs, videodisk players, special audio cassettes, and the Muppet Learning Keys	rb Editors' Spotlight
Oct 90	3	Efficiency vs. Effectiveness Distributor/Column: Viewpoint Key Terms: PS/1, Grosch's Law Subject: industry / business Notes: efficiency means doing things right effectiveness means doing the right thing IBM is being effective; while Apple is being efficient	Mike Harvey
Oct 90	4	hard to find IIGS software in Belgium Distributor/Column: Letters Subject: news / comment Notes: Nibble thanked for enjoyment and education	
Oct 90	7 (	Setting the date in ProDOS Distributor/Column: Ask Nibble Subject: technique	Roger Wagner
Oct 90	8 (	Gradebook Deluxe Version 4 / ImageWorks II Distributor/Column: On the Scene / Raw Data Subject: new products / news Notes: how safe is your monitor? PC100+, PROwatt 600 (run your computer from your car battery) Time Navigator Leaps Back, Probability Lab, Instant Survey Skeleton Desktop Application code teams of specialists for GEnie Apple II Roundtables	edited by Dawn Monahan / Ri

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 90	10	Creating The Data Fork Distributor/Column: Disassembly Lines Subject: technical Notes: creating the data fork and combining it with the resource fork to form the finished extended file application (a humble word processor) System: APW assembler	Sandy Mossberg
Oct 90	18	Message Scroller Distributor/Column: Tips & Techniques Subject: home Notes: display up to 60 lines of eight-character text	Alan A. Hodson
Oct 90	24	Tools For Learning Distributor/Column: various Subject: education Notes: World Geograph (geography), Talking U.S.A. Map (geography), Talking Money (math), College Planner, ESL Writer (foreign language WP), StudyMate (study aid), Alge-Blaster Plus (math), SuperPrint II (publishing)	rb Jim Wiggernhorn (User Vie
Oct 90	36	Nibble Almanac Distributor/Column: Cover Feature Subject: home / database Notes: what happened 20 years ago today?	Rudy Guy
Oct 90	50	Loading Double Hi-Res Distributor/Column: Tips & Techniques Subject: technique Notes: most double hi-res pictures are 16K in size; 8K in main memory and 8K in auxiliary memory	Vern L. Mastel
Oct 90	63	Boot Slot / Vejur / Minipaint Distributor/Column: One- And Two-Liners Subject: utility / demo	David Becker / Jim Royal /
Oct 90	64	Guardian / Renaissance / The Exorciser Distributor/Column: Vitesse Key Terms: Salvation series Subject: utility Notes: fast, easy-to-use hard drive backup-and-restore program hard drive defragmenter detects and corrects for computer viruses	rb Editors' Spotlight
Nov 90	3	Nibble... The Only Apple II Magazine Distributor/Column: Viewpoint Key Terms: Apple IIGS Buyers Guide, A+/inCider Subject: magazine / industry Notes: Nibble will have the distinction of being the only magazine devoted exclusively to the Apple II / new IIGS?, HyperStudio, Zip Technologies HyperCard GS, targeted marketing, ongoing reference	Mike Harvey
Nov 90	4	Automatic Assembly Distributor/Column: Letters Subject: technique Notes: use your word processor to write your source code	Gary Sutton
Nov 90	6	using the Apple II monitor and mini-assembler Distributor/Column: Ask Nibble Subject: tutorial	Roger Wagner
Nov 90	8	InWords (optical character recognition software) / Sentence Fun Distributor/Column: On The Scene Subject: new products Notes: Independence Day: Designing Computer Solutions for Individuals with Disability / The Quarter Mile (math game) / Living In Space Questmaster, The Prism of Hehuetotol / Ananse the Spider (multicultural Explore-a-Folktale series) / Wings (disk management utility) Algebra 1: First Semester, Second Semester / Revolution '76	edited by Dawn Monahan

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Nov 90	10	AppleMate Distributor/Column: Cover Feature Subject: macro utility Notes: automate typing in programs by using macros	Chris Chapman
Nov 90	18	Metric Converter Distributor/Column: Education Corner Subject: education Notes: convert from metric to imperial and back; over 60 conversions in 12 categories	Jary Nemo
Nov 90	24	Life GS Distributor/Column: Special Program IIGS Subject: math / simulation Notes: attempt to organize a small community of cells for maximum population growth System: GS / ORCA/M Assembler	Timothy Shay
Nov 90	40	Apple II High-Speed SCSI Card vs. RamFAST/SCSI Card Distributor/Column: Apple / CV Technologies Subject: hard drive interface Notes: both card exploit DMA capability, which may lead to incompatibilities with other cards (e.g. TransWarp, Zip Chip) / the CV Technologies card is clearly faster, but is more expensive Price: \$129 / \$289	rb Loren Wright
Nov 90	46	Font Displayer Distributor/Column: Working Smarter Subject: utility Notes: print out an easy-to-use reference sheet to the special characters in SuperFonts System: SuperFonts	Leo C. Curran
Nov 90	49	String Scrambler Distributor/Column: Tips & Techniques Subject: technique Notes: find anagrams for strings up to 255 characters	Roger D. Clements
Nov 90	52	Sorting Arrays Distributor/Column: Beginner's Corner Key Terms: insertion sort, Donald Knuth Subject: technique Notes: sorting a list of multiple fields; arranging several related arrays	James T. Parr
Nov 90	63	BASIC.FIX.IT / BASIC.COPY / PLOADER, EFFECT.MAKER Distributor/Column: One- And Two-Liners Subject: utility / demo Notes: resurrect Applesoft program / copy disks / view SHR graphics, shimmering SHR screen	Tim Moore / Gareth S.L. Jon
Nov 90	64	The New Print Shop Distributor/Column: Broderbund Subject: publishing Notes: the program has advanced into a powerful and colorful productivity tool Price: \$50 (\$20 upgrade)	rb Editors' Spotlight
Dec 90	3	Fight Fat Paper Distributor/Column: Viewpoint Key Terms: bureaucracy Subject: management Notes: as organizations grow, the information needs at different evolutionary stages tend to build layers of paperwork	Mike Harvey
Dec 90	4	Reader wants non-IIGS articles on assembly Distributor/Column: Letters Key Terms: Sandy Mossberg Subject: programming	Chris Engebretson

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 90	7	using 5.25 and 3.5 drives from Applesoft Distributor/Column: Ask Nibble Subject: tip Notes: getting Writer II data to ProDOS: CONVERT, Copy II Plus, Burke Transfer Service	Roger Wagner
Dec 90	8	YourWordBox! / MAX/Edit / Rastan / Platinum Paint / TimeOut SuperFo Distributor/Column: On The Scene Subject: new products Notes: Outline 3.0 / ASE III / APEX502 / Alpha Check+Plus+ / Quickie upgrade My Paint	edited by Lori Thombs
Dec 90	10	Warriors 2000 Distributor/Column: Cover Feature Subject: strategy / war game Notes: can your team of Torgyots and Human beat the Banshee champions?	Vivek Pai
Dec 90	25	Cassette Labeler Distributor/Column: Beginner's Corner Subject: home Notes: make labels for your audio cassette recordings	Vern L. Mastel
Dec 90	37	Publish or Perish Distributor/Column: Review Board Subject: publishing Notes: AppleWorks GS 1.1, GeoPublish 2.1, GraphicWriter III 1.0, Medley 2.0, Personal Newsletter 2.0, Publish It! 3.0 (top honors)	rb Frank Dooling
Dec 90	46	Better Break Distributor/Column: Tips & Techniques Subject: utility Notes: a more informative BRK display	Randall Banning
Dec 90	48	IIGS Screen Blanker Distributor/Column: Tips & Techniques Subject: utility Notes: blank the screen in an Applesoft program / routine replaces INPUT statement System: GS	Gary MacFarlane
Dec 90	50	Beep Editor Distributor/Column: Tips & Techniques Subject: utility Notes: lets you chain a variety of beeps together and use it as a replacement for the standard beep	Russell Ross
Dec 90	54	Statement of Ownership, Management and Circulation Subject: magazine Notes: 37,559 average paid	
Dec 90	64	ROTATE.CUBE / LIGHTBAR / SURROUND Distributor/Column: One- And Two-Liners Subject: demo / utility / strategy	David R. McGinley / Curt Es
Jan 91	3	Taming Micro-management Distributor/Column: Viewpoint Subject: management Notes: The larger a company becomes, the more likely it is to define, document, and implement step-by-step processes for getting things done. It is imperative to remind yourself and your people that the RESULT is what it's all about	Mike Harvey
Jan 91	5	RAM CRAM Distributor/Column: Letters Subject: technical Notes: cards that do not use the bank-select lines, cards that use more than four banks of 256K or 1 MB chips, cannot do Direct Memory Access	Vern L. Mastel

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 91	8	cold starting the Apple IIGS / DOS 3.3 compatibility with the IIGS Distributor/Column: Ask Nibble Subject: tip	Roger Wagner
Jan 91	9	Pipe Dream / Plus-Works III / TaxCalc-90 / HyperStudio 2.1 Distributor/Column: On The Scene Key Terms: HyperCard IIGS Subject: new products Notes: The Graphic Exchange 4.2 / GS/OS 5.0.3	edited by Lori Thomas
Jan 91	10	Invoice Master Distributor/Column: Special Feature Subject: business Notes: automates much of the billing process	Joseph A. Movich & Barney D
Jan 91	26	GS Graphics Gallery Distributor/Column: Cover Feature Key Terms: Apple Preferred, PaintWorks Plus, PackBytes Subject: graphics utility Notes: allows you to use Super Hi-Res pictures packed in any of the three standard formats / create a Super Hi-Res slide show	Peter Stubbs
Jan 91	43	Calendar Maker Distributor/Column: Tips & Techniques Subject: home / business Notes: keep track of the important days of your life perpetual calendar also calculates the day of the week	Don Johannesen
Jan 91	46	Going Gor It Distributor/Column: Tips & Techniques Subject: tip Notes: GOTO and GOSUB are ideal for debugging statements of a program / unlike RUN, they do not clear the values of variables	Frank H. Sweet
Jan 91	54	Mouse Clock Distributor/Column: Apple Utility Key Terms: interrupt Subject: utility Notes: it so happens that the mouse hardware can be instructed to generate an IRQ on every refresh cycle	John R. Vokey
Jan 91	64	Screen Shakes / 40-column screen print / Shrinker Distributor/Column: One- And Two-Liners Subject: novelty / utility / graphics Notes: letters tumble down send text screen to printer generates shrunken hi-res version of a lo-res drawing	S.C. Woon / Adam Dean / Dan
Feb 91	2	Tough Times and Tomatoes Distributor/Column: Viewpoint Subject: business Notes: the perennial business problem of scarce resources can be compared to a farmer who has 20 acres of tomato plants and enough water for only 10 acres	Mike Harvey
Feb 91	7	Accessing a network from a remote location Distributor/Column: Ask Nibble Key Terms: protocol Subject: communications Notes: in "real life," most programs that are used via modem have to be designed specifically for that purpose	Jay B. Sigel, M.D. / Roger
Feb 91	8	Font-Finder / Design Your Own Railroad / Your IIGS Guide Distributor/Column: One The Scene Subject: new products Notes: Seven Hills printer drivers	edited by Lori Thombs

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Feb 91	8	Duet suspended by Cirtech / HYPERCARD IIGS unveiled Distributor/Column: Raw Data Subject: news	
Feb 91	10	SuperTrace Distributor/Column: Cover Feature Subject: debugger Notes: examine the value of any variable, including arrays; see the current line number, have the program stop at specific points or conditions System: Applesoft (utility written with ORCA/M assembler)	Gary Ash
Feb 91	18	Source Code Generators, Part 1 Distributor/Column: Disassembly Lines Key Terms: Chris Haun, Kevin Seidule Subject: source code generators Notes: Design Master (a visual program design tool) Call Box (makes the Toolbox accessible to Applesoft programmers) Genesys (resource editing, creation, and maintenance tool) System: GS	rb Sandy Mossberg
Feb 91	24	InString Function Distributor/Column: Tips & Techniques Subject: utility Notes: find a small substring inside a larger string	Roger D. Clements
Feb 91	26	PRINTS Charming Distributor/Column: Tips & Techniques Subject: utility Notes: screen output routines for assembly language programmers	Frank H. Sweet
Feb 91	37	Block Party Distributor/Column: Graphics Workshop Subject: animation / tutorial Notes: use block shapes for fast animation	David Harris
Feb 91	46	Logarithmic Plotter Distributor/Column: Education Corner Subject: education / math Notes: graph any math equation over any range, for cartesian, semi-log, and log-log axes	Edward Mienko
Feb 91	60	BRICKO / DUEL / PARADE Distributor/Column: One- And Two-Liners Subject: demo / arcade	Bill Currie / Ricardo Andre
Feb 91	64	ZipGS (Model 1600 Zip GSX Plus / Model 1500 / Model 1525) Distributor/Column: Zip Technology Subject: accelerator Notes: boost the IIGS from 2.8 MHz to 8 MHz and faster System: GS Price: \$350 / \$250 / \$300	rb Editors' Spotlight
Mar 91	2	Delegating? Doing! Distributor/Column: Viewpoint Subject: management Notes: techniques for managing time and priorities: do it once, ABC priorities, the written word, clear for action	Mike Harvey
Mar 91	4	running ProDOS 8 files from GS hard disk Distributor/Column: Letters Subject: tip	Roger Sheridan
Mar 91	4	support the Apple II by voting with your wallets Distributor/Column: Letters Subject: industry	J.D. Holdeman
Mar 91	7	Adjusting IIC disk drive speed Distributor/Column: Ask Nibble Subject: tip / maintenance	Roger Wagner

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 91	8	The Apple II Hard Disk Primer Distributor/Column: National AppleWorks Users Group Subject: book / hard disk Price: \$16.95	
Mar 91	8	Menu Master Distributor/Column: Electronic Learning Systems Subject: utility Notes: organize, launch, and return from ProDOS, GS/OS, and DOS 3.3 programs	
Mar 91	8	Talking Classroom, Jungle Safari, Talking First Words Distributor/Column: Orange Cherry/Talking Schoolhouse Subject: education Notes: Children's Newspaper Maker, Talking Multiplication & Division / ten new IIGS programs which utilize human speech and super hi-res graphics System: GS	
Mar 91	8	PlayWrite Distributor/Column: Sunburst Communications Subject: education / creativity Notes: students direct Encore the Cat and Bravo the Dog in plays System: GS (1 MB) Price: \$75	
Mar 91	41	ORCA/M version 1.1.7 / ORCA/Disassembler Distributor/Column: Byte Works Subject: assembler / diassembler System: GS Price: \$10 (upgrade) / \$30 for Disassembler (ORCA/M upgrade free)	
Mar 91	50	Dragon's Lair II: TimeWarp Distributor/Column: ReadySoft Subject: arcade Notes: Princess Daphne has been spirited away to a wrinkle in time by the evil wizard Mordroc and her only savior is you, Dirk the Daring System: GS Price: \$60	
Mar 91	50	Independence Distributor/Column: Seven Hills Software Subject: printer driver Notes: printer driver for Hewlett-Packard DeskJet and LaserJet printers System: GS Price: \$40	
Mar 91	50	The Instant Decorator Distributor/Column: Abracadata Subject: home design Notes: another in the Design Your Own Home Series System: 64K Price: \$50	
Mar 91	10	Hi-Res Alchemy Distributor/Column: Cover Feature Key Terms: USR Subject: graphics utility Notes: draw circles/ellipses, flip pictures, complement colors, calculate Hi-Res Line addresses, and clear graphics pages with machine language	Jerry Jongerius
Mar 91	20	Survey Master Distributor/Column: Education Corner Subject: social science Notes: a general purpose survey program to ask questions and tabulate responses	Gary Knox
Mar 91	30	Disk Encrypter Distributor/Column: Apple Utility Key Terms: Magic Decoder Ring, Bazaries Subject: security Notes: a disk encryption program written especially for protecting data disks	Walker A. Archer & Ed Ander

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 91	34	Double Dump Distributor/Column: Tips & Techniques Subject: utility / screen dump Notes: sent almost any 40- or 80- column text screen to a printer and leave the screen intact System: any Apple II	Jim Trudeau
Mar 91	38	Input Routine Designer Distributor/Column: Tips & Techniques Subject: utility Notes: create a custom string input subroutine and install it in your program	Gary Knox
Mar 91	52	STAR TRAVEL / BACK / GS.COLOR Distributor/Column: One- and Two-Liners Subject: demo / utility Notes: travel through space back out of a subdirectory change background, border, and text color on GS	Kenneth E. Richardson / Mar
Mar 91	56	HyperCard IIGS Distributor/Column: Apple Computer Subject: hypermedia Notes: HyperCard comes to the Apple II (with some extra features)	rb Editors' Choice
Apr 91	3	Sticking with the Apple II Distributor/Column: Viewpoint Subject: industry Notes: the simple fact is that to continue publishing, we must reduce the size of the magazine to a journal format and reduce the use of color printing	Mike Harvey
Apr 91	5	Apple II Forever Distributor/Column: Letters Key Terms: DUET Subject: support Notes: to show support for our Apple IIs, let's write letters to Apple Computer	Mark Bishop
Apr 91	6	Loading and displaying lo-res and hi-res graphics screens Distributor/Column: Ask Nibble Subject: technical	Roger Wagner
Apr 91	7	Unicorn Model 510 Keyboard Distributor/Column: Unicorn Engineering Subject: keyboard Notes: a touch-sensitive device that can be used in place of the standard keyboard Price: \$250	
Apr 91	7	DB Master Professional Revision #9400 Distributor/Column: Stone Edge Technologies Subject: data management Notes: supports AppleWorks 3.0n files, displays primary key fields on screens, and allows multi-column searches Price: \$45 (update)	
Apr 91	7	1040 Works Distributor/Column: National AppleWorks Users Group Subject: tax Notes: templates for 21 federal tax schedules Price: \$29.95	
Apr 91	8	Acrostic Distributor/Column: Teachers & Writers Collaborative Subject: education / creative writing Notes: writings, saving, reviewing, editing and printing the playful and delightful poetic form Price: \$44.95	

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 91	8	Electronic Study Guide/Review Program for American History Distributor/Column: Technical Education Consultants Subject: education / history Notes: an on-line review of American history at the high school level	
Apr 91	8	Pecos Bill and Slue-Foot Sue Distributor/Column: William K. Bradford Publishing Subject: education Notes: encourages 4th-6th grades to write in the humorous, exaggerated style of a tall tale Price: \$75	
Apr 91	9	Shan's DIGICORD Distributor/Column: Zuyde Cybergenesis Subject: music / speech Notes: produce polyphonic music, natural human speech, and other digitized sounds	
Apr 91	9	The Physical Science Laboratory / The Young Learners System Distributor/Column: Focus Media Subject: education / science Notes: a series of science simulations for students grade five through ten / by combining stories, songs, discussions, and art with computer-based learning, the software exposes the young child to abstract and symbolic thinking System: GS, Apple Price: \$259 / \$99 to \$249	
Apr 91	10	Nibble Graphic Publisher Distributor/Column: Cover Feature Subject: desktop publishing / drafting Notes: combine text and/or graphics on the Hi-Res screen and print it out on an ImageWriter	Robert T. Yuille
Apr 91	22	Chalk Math Distributor/Column: Education Corner Subject: education / math Notes: a fun, easy-to-use program to drill children on addition and subtraction problems	Bill Thompson
Apr 91	32	Source Code Generators, Part 2 Distributor/Column: Disassembly Lines Subject: program development Notes: three visual source code generators: Call Box, Design Master, and Genesys / a comparison of the features of these applications and their source code output	Sandy Mossberg
Apr 91	40	Graphic Window Distributor/Column: Apple Utility Subject: utility Notes: display text on the graphics screen without harming the background	William Hutten
Apr 91	44	Applesoft Search and Modify Distributor/Column: Tips & Techniques Subject: technique Notes: an assembly language routine which makes it easy to write Applesoft programs that modify themselves	Lee Reynolds
Apr 91	48	Handy Mouse Distributor/Column: Tips & Techniques Subject: technique Notes: have the convenience of a mouse-driven machine, using the joystick as the controller	Clay Carr
Apr 91	56	FISHRAMA / STORM.WINDOW / WIPEOUT and SLIDEOUT Distributor/Column: One- and Two-Liners Subject: demo / utility Notes: colored fish / looking at a stormy beach / clearing the text screen	Prem A. Nandwani / Bill Tho

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
May 91	3	You... Us... and the Apple II Distributor/Column: Viewpoint Subject: magazine Notes: skyrocketing costs and the continued neglect of the Apple II market by Apple Computer have brought serious declines in the number of developers of Apple II products ... Nibble is forced to be slimmer	Mike Harvey
May 91	4 (	Print Shop Label Maker Subject: utility Notes: patch to use it on IIGS and ImageWriter II	
May 91	5	booting old ProDOS 8 applications from GS Finder Distributor/Column: Ask Nibble Subject: tip Notes: cold start the computer by executing the self-test momentarily, then Control-Reset	
May 91	6	ProFinder Distributor/Column: Cover Feature Subject: program selector Notes: a ProDOS 8 program selector which allows you to run any ProDOS application program and perform disk and file handling commands	Paul L. Esser
May 91	15	BootDrive Distributor/Column: Tips & Techniques Subject: technique Notes: a program to boot a disk from any slot	Thomas Dorris
May 91	21	AmperSound IIGS Distributor/Column: Special GS Program Key Terms: DOC Subject: sound Notes: a set of ampersand commands which access the Digital Oscillator Chip System: GS, Applesoft	Eric Shepard
May 91	27	Variable Viewer Distributor/Column: Tips & Techniques Subject: utility Notes: a machine language program that will print the name and current values of every simple variable and one-dimensional array element	Gary Terhune
May 91	37	MEM.CHECK / Lo-Res display / Encrypt / Pig Latin Distributor/Column: One- And Two-Liners Subject: utility / demo	Thomas Bradshaw / Kevin Fu
Jun 91	3	Apple II Sprouts... Distributor/Column: Viewpoint Key Terms: A2-Central Developer Conference Subject: industry Notes: we're delighted to report a sprouting of renewed interest in the Apple II / Bob Berkowitz and the Apple Central Expo / Apple IIGS marketing rumors	Mike Harvey
Jun 91	6	Making a backup copy on an Apple IIC+ Distributor/Column: Ask Nibble Subject: technique Notes: use FastCopy on the System Utilities disk	Roger Wagner
Jun 91	6 (	DOS 3.3 on ProDOS disks Distributor/Column: Ask Nibble Subject: utility Notes: DOS Master allows storage of DOS 3.3 on ProDOS disks SoftSwitch allows freezing the state of any program and continue later ShrinkIt compresses 5.25" disks into ProDOS files for archival purposes	Roger Wagner
Jun 91	8 (	Nibble Ancestry Distributor/Column: Cover Feature Subject: genealogy Notes: keep track of relationships among family members, even when multiple marriages are involved	Joseph J. Strout

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 91	15	Surround Distributor/Column: Featured Game Subject: strategy game Notes: maneuver your line to encircle your opponent's line and force him to crash (2 player game)	David Lewis
Jun 91	17	Cobwebs Distributor/Column: Special IIGS Program Subject: graphics Notes: create spectacular random drawings System: HyperCard	Andrew Barger
Jun 91	19	AmperDATA Distributor/Column: Apple Utility Subject: utility Notes: position the DATA pointer to any element in the DATA list, which may then be read with the READ statement	Todd Livesey
Jun 91	22	Screen Scrambler Distributor/Column: Tips & Techniques Key Terms: EOR, encryption Subject: technique / utility Notes: encodes a Hi-Res screen so that the image becomes unrecognizable	Barclay R. Clemesha
Jun 91	29	OH FUDGE! / CONVHEX / ML.STRING Distributor/Column: One- and Two-Liners Subject: game / utility Notes: that game with 15 holes and 14 golf tees hex conversion program convert a short binary routine into a pair of Applesoft strings to be POKEd into memory	Paul Nix / Macro Tabini / C
Jul 91	2	A New Beginning Distributor/Column: Viewpoint Subject: news Notes: our transition to a journal format has been traumatic, but we're through it and Nibble will be published for a long time to come	Mike Harvey
Jul 91	4	AccuType correction Subject: bug fix Notes: don't use ProDOS 1.9	
Jul 91	5 (	Reading AppleWorks DB files as ASCII Distributor/Column: Ask Nibble Subject: technique	Roger Wagner
Jul 91	5	FIREWORKS II / POLYGON Distributor/Column: One- And Two-Liners Subject: demo System: 128K	Kenneth C. Richardson / edi
Jul 91	6 (	B & W Studio: the desktop publisher's companion Distributor/Column: Cover Feature Key Terms: AND, OR, EXCLUSIVE OR Subject: desktop publishing Notes: a program specifically designed for manipulating the monochrome graphics screens which provide the artwork for desktop publishing	Barclay R. Clemesha
Jul 91	14	Control Panel Snapshot Distributor/Column: Special IIGS Program Subject: utility Notes: display all the control panel options on the screen and also print a hard copy System: GS	Edward D. Omiccioli, Jr.
Jul 91	19	Hi-Res Digilog Clock Distributor/Column: Tips & Techniques Subject: novelty Notes: as the name suggests, this clock is both digital and analog	Mark J. Yannone

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 91	21	Nibble Fancy Lister Distributor/Column: Apple Utility Subject: utility Notes: provides sensible indentation and logical separation of Applesoft statements	Terry C. Tung
Aug 91	2	Navigating the Hotline Distributor/Column: Viewpoint Subject: support Notes: the Nibble hotline is a whole new system	Mike Harvey
Aug 91	4	Rally 'Round the Mag Distributor/Column: Letters Subject: magazine Notes: support Nibble	Chris J. Engebretson
Aug 91	7	ADDRESSER / BORDERS / SAUDI NIGHTS Distributor/Column: One- and -Two Liners Subject: home / utility / demo Notes: printer return address labels custom text screen borders a tribute to the Patriot missile system	John J. Gagne / Nathan Lang
Aug 91	8	Memory Probe Distributor/Column: Cover Feature Subject: utility Notes: displays memory as hex data, decimal numbers, ascii characters, or assembly language code	James E. Trudeau
Aug 91	14	Calling All Graphics Distributor/Column: Graphics Workshop Subject: graphics / tutorial Notes: assembly language graphics routines: entering graphics mode, zero page globals, clearing the graphics screen, lines and the hi-res cursor, block shapes	David Harris
Aug 91	18	Teaser GS Distributor/Column: Special IIGS Game Key Terms: Shooting Stars Subject: strategy Notes: one of those confounding logic puzzles that looks easy, but will have you pulling your hair out within minutes System: GS	Timothy Shay
Aug 91	22	Phonetic Coder Distributor/Column: Tips & Techniques Subject: technique Notes: condense the sound of any word into a four-character code	Joseph W. Larson
Aug 91	24	Making a GS Startup Disk / Scrolling the screen Distributor/Column: Ask Nibble Subject: technique	Roger Wagner
Sep 91	2	What Goes Around... Comes Around Distributor/Column: Viewpoint Key Terms: Apple-IBM alliance, Bob Berkowitz Subject: policy Notes: will Apple's treatment of the Apple II project future treatment of its Macintosh customer base? / Apple Central Expo appears to be a sellout	Mike Harvey
Sep 91	4	Mousing with DOUBLE.DUMP Distributor/Column: Letters Subject: tip Notes: FASTCOPY made a good copy of a bad disk DOUBLE.DUMP modified to work with mousetext	John Miller

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Sep 91	5	FRACTALS / UP AND DOWN / INTERFERENCE Distributor/Column: One- and -Two Liners Subject: demo Notes: create fractals string is disassembled on screen one character at a time cable out of service	Darryl Adams / Brent Michal
Sep 91	6 (	Nibble Geometry Distributor/Column: Cover Feature Subject: math / education Notes: the nomenclature of common geometric figures is presented with examples. When those associations are complete, you can proceed to the relationships between the figures and their areas, and later, their volumes	Mark R. Craven
Sep 91	12	filetype "CMD" / Jim, Jay, Kerry, and Mike (found at end of P8 file Distributor/Column: Ask Nibble Subject: technical Notes: ThunderClock clock driver / using AppleWorks to create text files to be EXECd into Applesoft	Roger Wagner
Sep 91	13	Offline Distributor/Column: Apple Utility Subject: technical Notes: removes an inactive device from the ProDOS device list, so that ProDOS thinks it simply isn't there	George Powell
Sep 91	16	Computles Distributor/Column: Featured Game Key Terms: Wacky Wordies, Pundles Subject: puzzle Notes: dynamic word puzzles presented on the computer screen	Hap Gaylord
Sep 91	22	Print Shop Clip Converter Distributor/Column: Tips & Techniques Subject: graphics / utility Notes: convert your Print Shop Graphics for B&W Studio	Barclay R. Clemesha
Oct 91	2	Feedback... and a short commercial Distributor/Column: Viewpoint Subject: magazine Notes: more assembly source code (instead of just hex code) / please answer "I saw it in Nibble"	Mike Harvey
Oct 91	4	Life-Time Subscriber Distributor/Column: Letters Subject: support Notes: when times are tough, families must pull together	David Hickey-Schiappa
Oct 91	5	enhanced vs. unenhanced IIE / assembly under ProDOS, DOS 3.3, IIGS Distributor/Column: Ask Nibble Key Terms: MouseText Subject: technical Notes: not much differenece in performance between enhanced and unenhanced IIE / the place you will see a difference in programming in assembly is in calls to the operating system	Roger Wagner
Oct 91	5	Little Doggy / Button.USR Distributor/Column: One- And -Two Liners Subject: demo / utility Notes: tail wagging antics / add a button function to Applesoft	Bill Thompson / Adam E. Dea
Oct 91	6	Nibble Sifter Distributor/Column: Cover Feature Subject: utility Notes: powerful carriage return options which allow you to merge lines between paragraphs, keep or delete blank lines, convert double-spaced lines to single-spaced lines, or retain all carriage returns System: ProDOS	Charles T. Hill

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Oct 91	13	Build a Big Print Buffer Distributor/Column: Disassembly Lines Subject: technique Notes: create a large print buffer without purchasing a single piece of hardware System: GS	Sandy Mossberg
Oct 91	18	AutoSave Distributor/Column: Tips & Techniques Subject: utility Notes: adds a command to ProDOS so that saving your Applesoft program is just three keystrokes away	Robert T. Yuille
Oct 91	21	Lunar Lander Distributor/Column: Featured Game Subject: arcade Notes: a remake of the arcade classic with a few extras	Brent Iverson
Nov 91	4	Screen Delights Distributor/Column: Letters Subject: demo Notes: "one of my personally favorite programs"	Tim Chase
Nov 91	5	Disabled Service Organization Distributor/Column: Letters Subject: handicapped Notes: provides information on the benefits of computers to people with disabilities	Dr. Clyde Shideler, Chapel
Nov 91	6	Stamping Out BUGS! Distributor/Column: Viewpoint Subject: technique Notes: tips to help you get your typed-in programs running	Mike Harvey
Nov 91	7	AUX.COPY / HI.WHEELER Distributor/Column: One- And Two-Liners Subject: utility / demo Notes: machine language routine to access the auxiliary bank of memory / depicts a man riding an old-fashioned bicycle	Chris J. Engebretson / Bill
Nov 91	8	Hex Wizard Distributor/Column: Cover Feature Subject: utility Notes: a full-screen editor for machine language programs (an improvement on Doug Sprinkle's Machine Language Editor (M.L.E.) System: ProDOS	Charles R. Fisher, Ph.D.
Nov 91	16	Interval Ear Training Distributor/Column: Education Corner Subject: education (music) Notes: train your ear to hear notes clear	Douglas Florzak
Nov 91	20	High Roller Distributor/Column: Featured Game Subject: game Notes: challenge your Apple with a toss of the dice	Rudy Guy
Nov 91	24	Recognizing Peripherals Distributor/Column: Ask Nibble Subject: technique Notes: location \$BF98 (MACHID) will tell you the type of machine and whether or not the machine has an 80-column card and a clock card System: ProDOS	Peter Choy / Roger Wagner
Dec 91	7	New Apple II Products? YES! Distributor/Column: Viewpoint Key Terms: KanasFest Subject: new products Notes: there is a modest but lively array of new Apple II products coming to market in the months to come: System 6.0, new HyperCard, SuperDrive, Accudraw, ORCA/Integer BASIC, LanPro, Liberty Card	Mike Harvey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Dec 91	8	The Applesoft Toolkit Distributor/Column: Cover Feature Key Terms: INTERRUPT, SPEED.CONTROL Subject: utility Notes: an assortment of 25 Applesoft routines: COLOR.FIND, MOUSE.FIND, MOUSE.BUTTON, STRING.CENTER, LARGEST.FIND, SMALLEST.FIND, BIT.BREAKER, BIT.ASEMBLER, ROM.ID, PRODOS.ID, KEYPRESS, DISK.TEXT, NEWTEXT, IMAGEII.COLOR, TEXT.FILER, IMAGESELF.ID, PRINT.READY, SLOT5.BOOT, APPLE.KEYBPRESS, LORES.LOAD, EIGHTY.COLUMN; IIGS.KEYPRESS, IIGS.COLOR, System: II, GS	Vern L. Mastel
Dec 91	13	Machine Code Mover Distributor/Column: Apple Utility Subject: utility Notes: move a machine language program from its original location to a new one System: DOS 3.3 (not compatible with GS)	Jeff G. Cox
Dec 91	16	Soliloquy Distributor/Column: Applesoft Utility Subject: utility Notes: check each line for pairs of quotation marks (unpaired quotations may cause trouble with "cruncher" programs)	David R. Dice
Dec 91	18	Directory Saver Distributor/Column: Tips & Techniques Subject: utility Notes: reads directories from your disks and saves them in a format which makes it easy to load as an ASCII file into an AppleWorks database	Charles T. Hill, PhD
Dec 91	25	DETECTOR / FLASHER Distributor/Column: One- And Two-Liners Subject: utility / demo Notes: performs a check on an Apple IIGS to see if a TransWarp GS is installed / causes any GS to have "color convulsions"	Sean Zabriskie / Brent Host
Dec 91	25	Statement of Ownership, Management, and Circulation Subject: industry Notes: 20,047 average paid per month	
Jan 92	3 (	TEASER / INPUT.LINE Distributor/Column: One- and Two-Liners Subject: demo / utility Notes: a non-GS version of TEASER routine to accept 40 column text	Paul Nix / Curt Esser / edi
Jan 92	4	Probing Memory Probe Distributor/Column: Letters Subject: technique Notes: disassembling on the GS	David Cross
Jan 92	5	The Apple II Lives... Nibble does too! Distributor/Column: Viewpoint Key Terms: AccuType: AccuEdit, AccuHex, AccuLister Subject: industry Notes: we begin our thirteenth year of publication / the best ways to type in Nibble listings	Mike Harvey
Jan 92	6 (	BASIC Plus Distributor/Column: Cover Feature Key Terms: Turtle Graphics Subject: programming / utility Notes: adds nine new commands to Applesoft: PSET, REPEAT, UNTIL, WHILE, DO, QUIT, BEGIN, ELSE, and IEND	Kevin Knox and J.B. Ward
Jan 92	12	Maze Maker Distributor/Column: Featured Game Subject: game Notes: creates mazes which can be solved on paper or on screen System: Epson	Mike Rohrer

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jan 92	16	Screen Commander Distributor/Column: Applesoft Utility Subject: utility Notes: adds three new commands to ProDOS which allow you to save and restore text screens as files and dump the contents of the text screen to a printer System: ProDOS	Paul Esser
Jan 92	25	AmperCipher Distributor/Column: Tips & Techniques Subject: technique Notes: encrypt and decrypt strings	Richard Skrenta Jr.
Feb 92	2	The Glass is Half Full Distributor/Column: Viewpoint Key Terms: optimist/pessimist Subject: news Notes: John Majka and Apple Alliance, System 6, Bob Berkowitz & Apple Expo East Macintosh LC and Apple IIE Card, HyperStudio, ProTerm	Mike Harvey
Feb 92	4	16-bit BASIC Distributor/Column: Ask Nibble Subject: technical Notes: running BASIC programs in 16-bit mode: Micol Advanced BASIC, Beagle Compiler, Call Box	Louis Netzel / Roger Wagner
Feb 92	5	WHEEL / BINARY.CONVERT Distributor/Column: One- And Two-Liners Subject: demo / utility Notes: fill your screen with rotating colors convert binary numbers into decimal	Kenneth Richardson / Dan Fu
Feb 92	6	The Alliance International Inc. Subject: support Notes: the mission of the corporation is to promote the use of the Apple II computer in home, small business and education	John R. Majka
Feb 92	7	Print Master Distributor/Column: Cover Feature Subject: programming utility Notes: print Applesoft listings with margins, page breaks and cross-references	Charles T. Hill PhD.
Feb 92	14	Chicken Little Distributor/Column: Featured Game Subject: arcade / utility Notes: save the purple feathered wing flappers from extinction / listing includes a Medium-Resolution Shape Generator	Jenny Schmidt
Feb 92	23	Alternate Display Mode Distributor/Column: Ask Nibble Key Terms: Mega II Subject: technical Notes: copies the second test page from bank \$00 to bank \$E0	Joe Hass / Roger Wagner
Feb 92	24	Speed Search Distributor/Column: Tips & Techniques Key Terms: Speed Sort Subject: utility Notes: a machine-language routine which identifies all elements of a string array which contain a specified string	C.B. Winkler
Mar 92	2	Come to the Apple (II) Expo! Distributor/Column: Viewpoint Key Terms: AppleFest, PerfectImage (ImageWriter printer drivers) Subject: conference Notes: Boston's Apple Expo will be a trip down memory lane	Mike Harvey

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Mar 92	4,2	generating interrupts / STOREing/RESTOREing variables Distributor/Column: Ask Nibble Key Terms: SEI, CLI, RTI Subject: technique	Chris Engebretson / Frank A
Mar 92	5	E.T. / INSIDE.DOS Distributor/Column: One- and Two-Liners Subject: demo / utility Notes: out-of-this-world graphic displays / display RWTS call (DOS 3.3) information	David Roberts / Alberto Rof
Mar 92	6	Team Electronics Subject: store Notes: an Apple dealer who has not abandoned the Apple II 1051 E. Interstate Ave. P.O. Box 512 Bismark, ND 58502 (701)223-4546 (4/92,p25)	Vern L. Mastel
Mar 92	7	Key Qwik Distributor/Column: Cover Feature Subject: utility Notes: summon any ProDOS command by typing just the first one or two letters of the command	Jerry Edens
Mar 92	12	SWAP Distributor/Column: Tips & Techniques Subject: utility Notes: create "local" variables by replacing one variable name for another	David R. Dice
Mar 92	16	Blackjack Distributor/Column: Featured Game Subject: card game Notes: the classic game in Hi-Res graphics	John Gates
Apr 92	2	A Show Of Support Subject: support Notes: we Apple II owners need to show our support by buying software and contacting the software companies	Russell Ross
Apr 92	4	"I Need to Ask For Your Help" Distributor/Column: Viewpoint Key Terms: recession Subject: support Notes: you can really help us by subscribing to the monthly Nibble disks / Boston Apple Expo needs more exhibitors	Mike Harvey
Apr 92	5	Snake / control-panel lockout Distributor/Column: One- and Two-Liners Subject: game / utility	Andrew Allan / Sean Zabrisk
Apr 92	6	Where In The World Is Programs Plus!? Distributor/Column: Programs Plus Subject: company Notes: we continue to support the APPLE user	
Apr 92	7	Applesoft SQUEEZER Distributor/Column: Cover Feature Subject: utility Notes: a program compactor that can start at any line number and use any increment System: assembly	Raymond Groenestein
Apr 92	16	Long Peek, Poke, and Call Distributor/Column: Tips & Techniques Subject: utility Notes: PEEK, POKE, or CALL a memory location beyond the first 64K of memory System: GS / assembly	Tom Peng

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Apr 92	20	Matchword Distributor/Column: Featured Game Subject: education / game Notes: a memory game that makes studying easier by it fun (match the two cards that go together) / you can create and edit your own set of cards	Joseph Strout
May 92	4	The Beat Goes On Distributor/Column: Viewpoint Subject: news Notes: Boston Apple Expo rescheduled to October 4-6 / Apple II Achievement Awards to be presented on America Online / Apple II stamp proposed / new products: TMS Shadow hard disk, Lightning Scan GS/LC price lowered	Mike Harvey
May 92	27	Perpetual ProDOS Distributor/Column: Letters Subject: patch Notes: fix to ProDOS allows it to determine the years 1991 through 1996	Joseph N. Wrubel
May 92	7	Mandelbrot set fractal / Julia fractal Distributor/Column: One- and Two-Liners Subject: math Notes: plots the Mandelbrot set fractal on a 149 x 149 grid / develops fractal images based on the iteration of the $X \rightarrow X^2 + C$	John Moravec
May 92	8	Fractal Magic Distributor/Column: Cover Feature Key Terms: recursive programming Subject: math Notes: five different fractal objects: Sierpinski's Gasket, binary tree, random snowflakes, curving octopus tentacle, fern leaf	Joseph J. Strout
May 92	12	ALIAS Distributor/Column: Apple Utility Subject: utility Notes: replace standard ProDOS commands with short, easy to remember and type alternatives	Benoit Gilon
May 92	22	ProDOS Mapper Distributor/Column: Tips & Techniques Subject: utility Notes: print a complete or partial map of all of the directories on the current disk	Ernie Alexander
May 92	24	DROPIN Distributor/Column: Tips & Techniques Subject: graphics utility Notes: "drop in" a hi-res page onto another; combine pictures and inverse selected parts of the screen with any color	Brad Edwards
Jun 92	4	Apple II Achievement Awards Distributor/Column: Viewpoint Subject: awards Notes: the winners are: Shrinkit GS, HyperStudio 3.1, ProTERM 3.0, HyperCard IIGS, Pointless, Prosel 16, GSbug 1.6, A2-Central, America Online, GEnie, Apple IIGS System 6.0, Alan Bird, Tom Weishaar, Andy Nicholas, Apple II System Software team	Mike Harvey
Jun 92	7	DOS CATALOG / Blackjack Distributor/Column: One- and Two-Liners Subject: utility / card game Notes: capture filenames into an array / a fully functioning Blackjack game	Charles Booth / Brian Evans
Jun 92	8	QuickShow Distributor/Column: Cover Feature Key Terms: Steve Wozniak, Chris Espinosa, shape tables, block graphics Subject: graphics utility Notes: a short assembly language program that quickly displays the contents of a string variable using a shape-table font	Doug Denby

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jun 92	13	Diskette density / freezing screen portions / Bank Street to AppleW Distributor/Column: Ask Nibble Subject: tip Notes: diskette density is limited by the hardware / use POKE 34, and POKE 35, to freeze the top and bottom of screen / send printer output to file and load as an ASCII file	Roger Wagner
Jun 92	14	Screen Squeeze Distributor/Column: Apple Utility Subject: utility Notes: reduce any Hi-Res screen image by a factor of two, both horizontally and vertically and with or without pixel loss (at the users discretion)	Vivek Pai
Jun 92	20	Shape Builder Distributor/Column: Graphic Utility Subject: graphics utility Notes: a program that allows you to create, view, edit, and save shape tables	Bill Fortenberry
Jun 92	25	Which Key? Distributor/Column: Tips & Techniques Subject: technique Notes: with the addition of new keys on the IIGS, memory location 49189 must be checked to see if any of those special keys have been pressed, either singly or in combination System: GS	Paul Raymer and Mark Craven
Jul 92	2	"Cleaning Up" Text files Distributor/Column: Ask Nibble Subject: tip Notes: use "text translation" when transferring files with Apple File Exchange / or try Harold Portnoy's Change-A-File	Edward H. Parker Jr. MD / R
Jul 92	2	writing adventure games Distributor/Column: Ask Nibble Subject: technique Notes: how to use the arrow keys and move a man around the screen checking for objects	William Irvine Cobb / Roger
Jul 92	4	GAUNTLET / SPRINGER / DEC2HEX Distributor/Column: One- and Two-Liners Subject: arcade / utility / utility Notes: avoid walls and avoid on-rushing asteroids / clear the 40-column screen by springing the text up and down / convert decimal numbers to hexadecimal	Michael Brown / Derek Sloan
Jul 92	5	Apple II stamp campaign Subject: recognition Notes: The Alliance International has proposed the post office issue a stamp recognizing the Apple II computer as the computer that started the Computer Revolution	John R. Majka, The Alliance
Jul 92	5	updating ProDOS Subject: patch Notes: modifies ProDOS for new date periods	Ben Rintjema and Paul Keeks
Jul 92	7	ColumnWorks Distributor/Column: Cover Feature Subject: desktop publishing utility Notes: print AppleWorks files in various type sizes with 2, 3, or 4 column formatting	Les Stewart
Jul 92	12	Applesoft Input Using Distributor/Column: Apple Utility Subject: utility Notes: does for INPUT what PRINT USING does for PRINTing / limits the user's input length, prevents backspacing past the first character, and accepts only printable characters	H.B. Clyde Jr.

Nibble Magazine (1983-1992) - Kula Index

Date	Page	Title	Author
Jul 92	16	String Swap Distributor/Column: Tips & Techniques Key Terms: garbage collection Subject: technique Notes: rather than moving the strings around as Applesoft does, all we really need is a means of reassigning the pointers to the memory locations of each string	Thomas J. Zuchowski
Jul 92	19	Relocatable Disassembler Distributor/Column: Tips & Techniques Subject: technique Notes: two techniques that allow relocatable utility programs to be invoked through fixed vectors, such as the monitor CTRL-Y and the Applesoft ampersand vector: the BRUN technique and the JSR-RTS technique / a relocatable disassembler is presented as an example	Bruce Conrad
Jul 92	22	Calendar Computing Distributor/Column: Tips & Techniques Key Terms: Julian date Subject: technique Notes: calculates the number of years and days between two dates	Patrick Crowley
Jul 92	24	Inside Bannermania Distributor/Column: Tips & Techniques Key Terms: transmogrify Subject: graphics / technique Notes: a way to use Bannermania to produce dazzling high quality special text effects for your desktop publishing and graphics projects System: GS, Bannermania, 816 Paint, Softswitch	Vern Mastel
Jul 92	25	Crypto Distributor/Column: Tips & Techniques Subject: cryptography Notes: not only assists you in the decryption process, but will allow you to encrypt plain text messages	Sidney A. Powers
