

From the "We're sure you wanted to know... " series

FORTH DIMENSIONS

ARTICLE REFERENCE

A listing of Forth articles from Forth Dimensions from Volume 1 (1978) through Volume 15 (1994)

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## Forth Dimensions Index, Volumes 1 thru 15, 1978 thru 1994 by Keyword

Title	First	Last	Vol	Issue	Pg	Key
Letter "Julian Date"	Peter B.	Dunckel	3	5	137	Algorithms
Letter "A New Calendar"	Wendall C.	Gates	5	6	12	Algorithms
Self-Checking Numbers	Mike	Ham	10	5	9	Algorithms
Serial Day Compression	Glen	Haydon	10	6	11	Algorithms
Linear Automata	Andreas	Carl	10	2	23	Algorithms
Letters "Serial Dates for FPC"	Glen	Haydon	11	1	5	Algorithms
Forth Learns German	John S.	James	1	1	5	Applications
German Revisited	John S.	James	1	2	15	Applications
Forth Learns German	William F.	Ragsdale	1	2	15	Applications
Music Generation in Forth	Michael	Burton	3	2	54	Applications
Forth in Laser Fusion	Lawrence P.	Forsley	3	4	102	Applications
Implementing Forth Based Microcomputers at URM	Peter H.	Helmers	3	4	105	Applications
Forth in Business Applications - A Panel Discussion.	John	Hall	4	5	4	Applications
Letter "Cleaner Stepper Driver"	Wendall C.	Gates	4	4	5	Applications
Timekeeping in Forth	William F.	Ragsdale	5	5	6	Applications
Manufacturing Cost Program	Marc	Perkel	5	4	9	Applications
Letter "CQ...CQ..."	Glen A.	Fuller	5	6	34	Applications
Letter "Hang Ten for Lunch"	Bob	Lewis	6	6	5	Applications
Forth in Rehabilitation Applications	David L.	Jaffe	6	2	28	Applications
Letter "More Applications, Please!"	Ramer W.	Streed	7	3	5	Applications
A Forth Spreadsheet, Part I	Craig A.	Lindley	7	1	14	Applications
Quick DP in Forth	Len	Zettel	7	5	14	Applications
Menus in Forth	Frans	Van Duinen	7	2	15	Applications
Mass Transit Forth	Kevin	Smith	7	2	28	Applications
Forth Spreadsheet, Part 11	Craig A.	Lindley	7	2	30	Applications
Time-Keeping Routine	Peter	Verhoeff	10	6	30	Applications
Time-Statement Lexicon	Dave	Edwards	11	3	7	Applications
Double-Entry Bookkeeping	J.J.	Martens	11	5	8	Applications
Phase Angle Difference Analyzer	C.H.	Ting	11	6	15	Applications
Forth-Based Message Service	Olaf	Meding	14	5	13	Applications
Letter "Name That Architecture..."	Jose	Betancourt	9	5	5	Architectures
Letter "32 is a Bit Too Many"	Tom	Napier	9	1	5	Architectures
A Forth Based Micro-Sized Micro Assembler	Gregory E.	Cholmondeley	3	4	126	Assemblers
Letter "6502 Assembler"	Bob	Wiseman	3	5	136	Assemblers
A Forth Assembler for the 6502	William F.	Ragsdale	3	5	143	Assemblers
8080 Assembler	John J.	Cassady	3	6	180	Assemblers
Letter "8080 Conditions"	Paul	Condon	5	3	29	Assemblers
Letter "Homebrew TI"	R.J.	Mitchell	6	1	7	Assemblers
Mixing CODE With High-Level Forth	Henry	Laxen	6	4	37	Assemblers
A 6502 Assembler	Chester	Page	9	5	19	Assemblers
Letters "Errata and Improv to a 6502 Assembler"	Chester	Page	10	2	9	Assemblers
Have Your Assembler...	Darryl	Olivier	10	1	22	Assemblers
Two Assemblers are Better than One	Darryl	Oliver	11	2	30	Assemblers
Forth Assembler & Free use of Labels	Chester	Page	12	4	23	Assemblers
Optimization of '386 Assembly-Language Code	David	Sanders	15	6	33	Assemblers
The Best of GENie - March 1988	Gary	Smith	10	1	27	BBS
The Best of GENie - July 1988	Gary	Smith	10	2	29	BBS
The Best of GENie - Oct 1988	Gary	Smith	10	4	29	BBS
The Best of GENie - Nov 1988	Gary	Smith	10	5	31	BBS
The Best of GENie - Mar 1989	Gary	Smith	10	6	33	BBS
The Best of GENie - Sept 1988	Gary	Smith	10	3	35	BBS
The Best of GENie - Jan 1990	Gary	Smith	11	5	25	BBS
The Best of GENie - Nov 1989	Gary	Smith	11	4	28	BBS
The Best of GENie - Sep 1989	Gary	Smith	11	3	31	BBS
The Best of GENie - July 1989	Gary	Smith	11	2	32	BBS
The Best of GENie - May 1989	Gary	Smith	11	1	35	BBS
The Best of GENie - Mar 1990	Gary	Smith	11	6	35	BBS
Best of GENie	Gary	Smith	12	6	24	BBS
International GENie Access	Dennis	Ruffer	12	6	26	BBS
The Best of GENie - May 1990	Gary	Smith	12	1	28	BBS
The Best of GENie - Nov 1990	Gary	Smith	12	4	30	BBS
GENie for Beginners	Frank	Sergeant	12	5	34	BBS
The Best of GENie - July 1990	Gary	Smith	12	2	36	BBS
The Best of GENie	Gary	Smith	12	5	36	BBS

The Best of GENie - Oct 1990	Gary	Smith	12	3	37	BBS
The Best of GENie	Gary	Smith	13	5	19	BBS
The Best of GENie	Gary	Smith	13	4	28	BBS
The Best of GENie	Gary	Smith	13	1	31	BBS
The Best of GENie	Gary	Smith	13	6	32	BBS
The Best of GENie	Gary	Smith	13	2	33	BBS
The Best of GENie	Gary	Smith	13	3	38	BBS
The Best of GENie	Gary	Smith	14	3	32	BBS
The Best of GENie	Gary	Smith	14	2	35	BBS
Letter "PET Forth"	Neal	Champion	1	4	45	Benchmarks
Letter "PET Forth"	Chris	Torkildson	1	4	45	Benchmarks
Letter "PET Forth"	Mark	Zimmerman	1	4	45	Benchmarks
Letter "Forth for PET"	Edward B.	Beach	1	5	54	Benchmarks
Letter "PET Forth"	Edward J.	Bechtel, M.D.	2	1	15	Benchmarks
Project Benchmark	George O.	Young III	2	4	112	Benchmarks
Letter "Benchmark Battles"	Allan	Bonadio	3	6	168	Benchmarks
Slave of Eratostenes in Forth	Mitchell E.	Timin	3	6	181	Benchmarks
Letter "Benchmark Ballyhoo	Ray	Duncan	4	1	1	Benchmarks
Letter "Benchmark Ballyhoo	Mitchell E.	Timin	4	1	1	Benchmarks
Benchmark Readability	Victor	Yngve	7	4	16	Benchmarks
Letter "Saddled With Benchmarks"	Terry	Noyes	8	2	5	Benchmarks
Letter "Leaky Sieve"	Stephen	Brault	8	4	6	Benchmarks
Letter "Leaky Sieve"	Terry	Noyes	8	4	6	Benchmarks
Letter "Antecedent Sieve"	Don	Colburn	8	6	31	Benchmarks
Letter "Novix Fibonacci"	Douglas	Ross	9	4	5	Benchmarks
Letters "A Fast Thousand Primes"	Allan	Rydberg	11	5	6	Benchmarks
Letters "Fast Thousand' Seems Slow"	Marc	Hawley	12	1	5	Benchmarks
Letters "A Smaller Prime Thousand..."	Ariel	Scolnicov	12	2	5	Benchmarks
Letters "... and the Fastest (?) thousand"	Douglas	Ross	12	2	6	Benchmarks
Letter "Potable dpANS Forth"	Elizabeth	Rather	15	2	7	Book Review
Book Review: "Forth: The New Model"	Charles	Curley	15	1	27	Book Review
Drill-and Practice Number Conversion	Richard	Turpin	9	3	9	CAI
Matchpoint	J. Brooks	Breeden	9	3	12	CAI
"DC 10"		HEX	3			Cartoon
"BEGIN COFFEE AWAKE UNTIL"		HEX	3	2	44	Cartoon
"BASE"		HEX	3	3	96	Cartoon
"Vacation"		HEX	3	4	133	Cartoon
"Plantanos"		HEX	3	5	157	Cartoon
Letter "8080 fig-Forth"	S.	Lieberman	2	5	140	Chapters
Letter "Temple Univ"	Karl V.	Amatneek	2	5	141	Chapters
Letter "Chapter Demonstrations"	J. Arthur	Graham	2	6	175	Chapters
Letter "6809 fig-Forth"	Ed	Murray	2	6	176	Chapters
Letter "Local Groups"	David B.	Moens	3	1	2	Chapters
Letter "Belgian FIG"	Michel	Dessaintes	3	2	36	Chapters
Letter "Europe"	Calle	Hogard	3	2	39	Chapters
Letter "MMS Forth Users Group"	Jim	Gerow	3	3	68	Chapters
Letter "Danish FIG"	Niels	Oesten	3	5	135	Chapters
Letter "Taiwan FIG"	C.H.	Ting	3	5	136	Chapters
Letter "Minnesota Chapter"	John J.	Cassady	3	6	169	Chapters
Letter "Making It In Japan"	Toshio	Inoue	4	2	3	Chapters
Letter "Holland Hobbyists"	J.M.	Preston	4	3	3	Chapters
Letter "China News"	C.H.	Ting	4	2	3	Chapters
Letter "Virginia Figs?"	John C.	Lundin, Jr.	4	4	4	Chapters
Letter "Kansas Canvass"	E.J.	McKernan IV	4	6	4	Chapters
Chapter News	John	Hall	4	6	29	Chapters
Chapter News	John	Hall	4	5	37	Chapters
Chapter News	John	Hall	5	4	31	Chapters
Chapter News	John	Hall	5	3	34	Chapters
Chapter News	John	Hall	5	2	35	Chapters
Chapter News	John	Hall	5	5	38	Chapters
Chapter News	John	Hall	5	1	40	Chapters
Ask the Doctor	William F.	Ragsdale	7	2	12	Chapters
The Value of FIG Chapters	Jack	Woehr	10	5	36	Chapters
Chapter Coordinator's Kitchen	Jack	Woehr	11	4	34	Chapters
It Rains	Jack	Woehr	11	2	36	Chapters
FIG Chapters Report	Jack	Woehr	11	5	36	Chapters
Letters "On-Line Down Under"	Lance	Collins	11	3	37	Chapters
Chapters Down Under	Jack	Woehr	11	1	39	Chapters
Visit to A Parallel Universe	Jack	Woehr	11	6	40	Chapters
Soviet Forth-Info	David	Kipping	12	6	11	Chapters

Northern California Forth Day	C.H.	Ting	12	6	30	Chapters
Taking it up in the Outfield	Jack	Woehr	12	1	32	Chapters
Letter "FIG U.K. Enters Second Decade"	Gordon	Charlton	13	2	31	Chapters
Letter "Roving Reporter at Silicon Valley"	Doug	Bell	15	1	5	Chapters
Transfer of Forth Screens By Modem	Guy T.	Grotke	3	5	1	Communications
Apple Forth a la Modem	R. Dudley	Ackerman	5	4	19	Communications
Technotes - A Better CRC	Mike	Steckmyer	5	1	35	Communications
Letter "Grounded in Data Transfer"	Ed	Schmauch	6	4	5	Communications
Simple Modem I/O Words	John S.	James	6	5	13	Communications
Simple Data Transfer Protocol	Keith	Ericson	6	2	32	Communications
High-Level Packet Communication	Jens	Zander	6	5	32	Communications
Letter "Terminal TI"	Glenn	Davis	8	3	9	Communications
XMODEM Tutorial	John S.	James	8	2	9	Communications
On-Line Documentation	John J.	Wavrik	8	2	21	Communications
Forth Resources via Modem	Gary	Smith	8	2	25	Communications
Menu-Driving the 8250 Async Chip	Paul	Cooper	10	4	22	Communications
8250 Uart Revisited	Brian	Fox	11	1	30	Communications
Interrupt-Driven Communications	Ramer	Streed	12	5	18	Communications
Extensibility With Forth	Kim	Harris	1	2	13	Compilation
Threaded Code		Anonymous	1	2	17	Compilation
DTC vs ITC for Forth on the PDP-11	David J.	Sirag	1	3	25	Compilation
Letter "ITC vs DTC"	Jon F.	Spencer	1	4	42	Compilation
Letter "ITC vs DTC"	George	Lyons	1	4	43	Compilation
A Modest Proposal For Dictionary Headers	Robert L.	Smith	1	5	49	Compilation
A 'Tiny' Pseudo-Code	Bill	Powell	2	1	7	Compilation
Letter "DTC vs ITC"	Jon F.	Spencer	2	1	16	Compilation
Letter "TO Variable"	William S.	Emery	2	1	19	Compilation
Separated Heads	Maus	Schleisiek	2	5	147	Compilation
Forgiving Forget	Dave	Kilbridge	2	6	154	Compilation
Letter "DEA- FIG, HEL-"	FRE-	THO-	2	6	176	Compilation
Parameter Passing to Does>	David	McKibbin	3	1	14	Compilation
Letter "DEA- EDI-"	CHU-	MOO-	3	1	23	Compilation
Letter "ENCLOSE"	William D.	Miles	3	2	35	Compilation
Using ENCLOSE on 8080	William	Miles	3	2	41	Compilation
Letter "ASCII"	Raymond	Weisling	3	3	72	Compilation
The Forth Engine	David	Winkel	3	3	78	Compilation
Letter "DEA- CHU-"	Arthur	Goldberg	3	5	135	Compilation
Letter "Tutorial Articles"	Thomas	Kastner	3	5	136	Compilation
Transient Definitions	Phillip	Wasson	3	6	171	Compilation
Charles Moore's Basic Compiler Revisited	Mike	Perry	3	6	175	Compilation
Letter "Character Witness"	George	Lyons	4	1	1	Compilation
Letter "Nice Work, Chuck"	Marc	Perkel	4	2	3	Compilation
Compilation Addresses and Parameter Fields	Robert L.	Smith	4	6	12	Compilation
Meta Compiling, Part I	Henry	Laxen	4	6	19	Compilation
Parameterized CREATE DOES >	Henry	Laxen	4	5	26	Compilation
Letter "Model Behavior"	Mike	Armstrong	5	3	4	Compilation
Letter "The Minimal Nucleus"	David W.	Harralson	5	5	4	Compilation
Macro Expansion in Forth	Jeffrey	Soreff	5	5	9	Compilation
In-word Parameter Passing	Timothy	Huang	5	3	19	Compilation
Extending the Forth Compiler	Luke	Seeto	5	1	20	Compilation
Code and Colon Compatibility	David	Held	5	3	23	Compilation
Meta Compiling, Part II	Henry	Laxen	5	2	23	Compilation
Meta Compiling, Part III	Henry	Laxen	5	3	31	Compilation
Technotes - ENCLOSE Encounters	Nicholas	Pappas	5	1	34	Compilation
Letter ";CODE: vs. DOES>"	George	Lyons	5	6	38	Compilation
Letter "Passport for the STATE-less"	Paul	Bigelow	6	6	5	Compilation
Letter "Mixed INTEGER Review; Consistency Constnt"	Ken	Butterfield	6	4	6	Compilation
In-Word Parameter Words	Sam Suan	Chen	6	6	9	Compilation
fig-Forth Interpreters	C.H.	Ting	6	1	12	Compilation
The Integer Solution	Marc	Perkel	6	2	18	Compilation
Synonyms	Victor	Yngve	7	3	11	Compilation
Macros	Victor	Yngve	7	3	14	Compilation
Another Subroutine Technique	Donald	Simard	7	2	25	Compilation
Macro Generation	Don	Taylor	7	1	27	Compilation
Letter "783 Compiles Text"	Alberto	Pasquale	8	5	7	Compilation
Synonyms and Macros, Part 4: Compiler Macros	Victor	Yngve	8	3	25	Compilation
Letter "Forget Automatically"	Philip	Bacon	9	2	5	Compilation
Letter "Run DOS Files in F83"	Richard	de Rozario	9	3	6	Compilation
Module Management	Alan	Furman	9	5	9	Compilation
Variables for PROM-Based Programs	Richard	Altmus	9	4	12	Compilation

Fully Interactive fig-Forth	Lars-Erik	Svahn	9	4	27	Compilation
Headless Compiler	Darrel	Johansen	9	1	36	Compilation
Standalone Applications	James	Ball	10	4	15	Compilation
Using Registers in Data Stacks	Don	Kenney	10	4	19	Compilation
Letters "Running from Repetition"	Adin	Tevet	11	4	5	Compilation
Letters "Macro Update"	David	Arnold	12	2	6	Compilation
Letters "Forth-and-Back"	Mike	Elola	12	1	7	Compilation
Extensible Optimizing Compiler	Andrew	Scott	12	2	14	Compilation
Metacompilation Made Easy	Frank	Sergeant	12	6	31	Compilation
Letter "Mastering Metacompilation"	Brad	Rodriquez	13	3	5	Compilation
Smart Comments and Compiler Words	William H.	Stewart	13	2	6	Compilation
Symbolic Processing	Alexander	Sakharov	13	1	7	Compilation
Letter "Paging through RAM with CREATE ... DOES>"	Don	Kenney	14	3	5	Compilation
Working with CREATE... DOES>	Leonard	Morgenstern	14	1	35	Compilation
On the Back Burner #6 "Transcendental Compilation"	Russell	Harris	14	6	42	Compilation
Letter "CREATE... DOES"	Leonard	Morgenstern	14	2	42	Compilation
On the Back Burner #9 "Who's on First?"	Russell	Harris	15	3	39	Compilers
A Report on the Second FORML Conference	G.	Maverick	2	5	133	Conferences
FIG Convention	S.H.	Daniel	2	5	139	Conferences
Forth Applications Conference	Kim	Harris	5	2	31	Conferences
Letter "Reviews from Rochester"	Lawrence P.	Forsley	6	2	7	Conferences
FORML China Tour 1984 - Part II	Marlin	Ouerson	6	6	33	Conferences
FORML 1984 Asilomar Conference	Marlin	Ouerson	6	5	34	Conferences
FORML China Tour 1984, Part I	Marlin	Ouerson	6	5	38	Conferences
euroFORML '85	Robert	Refing	7	6	15	Conferences
FORML at Asilomar	Marlin	Ouerson	7	5	35	Conferences
Rochester Forth Conference 1985		Anonymous	7	2	38	Conferences
1985 Forth National Convention	Marlin	Ouerson	7	4	41	Conferences
Letter "MacForum: World Wide ... and Still Growing"	Ward	McFarland	8	1	6	Conferences
National Forth Convention '86	Marlin	Ouerson	8	5	34	Conferences
FORML '86 in Review	Marlin	Ouerson	8	6	38	Conferences
1987 Forth National Convention	Jerry	Shifrin	9	5	14	Conferences
1987 Rochester Forth Conference	Jerry	Shifrin	9	2	26	Conferences
1988 Forth Convention "Real-Time Programming"	Marlin	Ouerson	10	5	26	Conferences
Charles Moore's Fireside Chat	Dennis	Ruffer	10	5	27	Conferences
FORML 89	Peter	Midnight	11	6	27	Conferences
A FORML Thanksgiving	Richard	Molen	13	6	38	Conferences
Letter "Embedded Systems Conference"	Walter J.	Rottenkolber	14	6	6	Conferences
Embedded Systems Conference	John	Rible	14	5	23	Conferences
CASE Contest Announced		Editor	1	5	47	Control Structures
Forth-85 "CASE" Statement	Richard B.	Main	1	5	50	Control Structures
A Generalized Loop Construct for Forth	Bruce	Komusin	2	2	26	Control Structures
CASE Contest Closes		Editor	2	3	36	Control Structures
Just in CASE	Charles E.	Eaker	2	3	37	Control Structures
The: CASE	Steve	Munson	2	3	41	Control Structures
Proposed CASE Statement for Forth	Karl	Bochert	2	3	50	Control Structures
CASE and Prod Constructs	Steve	Bochert	2	3	50	Control Structures
A CASE Statement	Mike	Brothers	2	3	56	Control Structures
DO-CASE Statement	Dwight K.	Elvey	2	3	58	Control Structures
A CASE Implementation	William S.	Emery	2	3	60	Control Structures
Apple - 4th CASE	Elmer W.	Fittery	2	3	62	Control Structures
DO-CASE Extensions	Bob	Giles	2	3	64	Control Structures
Entry, FIG CASE Contest	Arie	Kattenberg	2	3	68	Control Structures
CASE Contest Statement	George	Lyons	2	3	73	Control Structures
A Forth CASE Statement	R. D.	Perry	2	3	78	Control Structures
CASE Statement	William H.	Powell	2	3	81	Control Structures
A CASE Statement	Robert A.	Selzer	2	3	82	Control Structures
A CASE Statement	Kenneth A.	Wilson	2	3	84	Control Structures
CASE Statement	Witt	Wayne	2	3	87	Control Structures
Kitt Peak GODO Construct	Dave	Kilbridge	2	3	89	Control Structures
Letter "Case"	Bob	Giles	2	4	108	Control Structures
IPS - A German Forth-Dialect	Dr. Karl	Meinzer	2	4	113	Control Structures
The CASE, SEL, and COND Structures	Peter H.	Helmers	2	4	116	Control Structures
Structured Programming By Adding Modules to Forth	Dewey	Val Schorre	2	5	132	Control Structures
Multiple While Solution	Julian	Hayden	3	3	72	Control Structures
Optimized Data Structures for Hardware Control	Joseph D.	Sawicki	3	4	118	Control Structures
Transient Definitions	Philip	Wasson	3	5	140	Control Structures
Transportable Control Structures With Compiler Security	Marc	Perkel	3	6	176	Control Structures
Eaker s CASE for 8080	John J.	Cassady	3	6	187	Control Structures
Eaker's CASE Augmented	Alfred J.	Monroe	3	6	187	Control Structures

CASE as a Defining Word	Dan	Lerner	3	6	189	Control Structures
Generalized CASE Structure in Forth	Edgar H.	Fey	3	6	190	Control Structures
Letter "Don't Leave FIG's Hanging"	Robert	Johnsen	4	5	3	Control Structures
Forth-83 Do-Loop	Robert L.	Smith	4	3	24	Control Structures
Forth-79 LEAVE for Forth-83 DO.... LOOPS	Klaxon	Suralis	4	3	25	Control Structures
Representation for Logical True	Robert L.	Smith	4	4	31	Control Structures
Letter "fig-Forth 79	Horst G.	Kroker	5	3	4	Control Structures
Letter "Postfix flag-Waver"	Leo	Brodie	5	5	22	Control Structures
Letter "Just One EXIT in CASE"	Ed	Schmauch	5	5	22	Control Structures
Forth-83 Loop Structure	Bill	Stoddart	5	4	22	Control Structures
6502 and 6809 Absolute Branches	George	Gaukel	5	2	27	Control Structures
DO ... WHEN ... LOOP Construct	R.W.	Gray	5	6	27	Control Structures
Letter "Yet Another Case Statement"	Marc	Perkel	5	3	29	Control Structures
Letter "A More General CASE"	Martin	Schaaf	5	5	32	Control Structures
Letter "DO ...LOOP83 Caution"	Nicholas	Pappas	5	6	38	Control Structures
Letter "When NOT is Not 0 ="	Leo	Brodie	5	6	39	Control Structures
Letter "NOT and LEAVE Background"	Robert	Berkey	6	1	5	Control Structures
Enhanced DO LOOP	Michael	Hore	6	6	18	Control Structures
Forth Control Structures	David W.	Harralson	6	2	20	Control Structures
Parnas' it ... ti Structure	Kurt W.	Luoto	6	1	26	Control Structures
ANDIF and ANDWHILE	Wendall C.	Gates	6	4	33	Control Structures
YACS, Part I	Henry	Laxen	6	6	38	Control Structures
Letter "Hore Today, EXITed Tomorrow"	Henry J.	Fay	7	2	5	Control Structures
Letter "Quirkless CASE?"	Tony	Sager	7	6	5	Control Structures
Letter "A CASE of Pairs"	Michael	Jaegerman	7	4	6	Control Structures
Letter "It Would Have Been Grand ..."	Ed	Petsche	7	3	6	Control Structures
Letter "A Case of Brackets"	George	Lyons	7	2	10	Control Structures
Improved Forth-83 DO LOOP	Dennis L.	Feucht	7	3	28	Control Structures
Another Forth-83 LEAVE	John	Hayes	7	1	36	Control Structures
YACS, Part II	Henry	Laxen	7	1	38	Control Structures
Letter "Test Your Assertions"	Norman L.	Hills	8	6	4	Control Structures
Letter "Grandfather's DO LOOP"	Len	Zettle	8	1	7	Control Structures
Letter "Conditional Teaching"	John J.	Wavrik	8	2	8	Control Structures
Letter "Multiple LEAVEs by Relay"	Chester	Page	8	4	9	Control Structures
Letter "Multiple LEAVEs by Relay"	Chester	Page	8	3	10	Control Structures
A Simple Translator: Tincycase	Allen	Anway	8	5	23	Control Structures
The Ultimate CASE Statement	Wil	Baden	8	5	29	Control Structures
Letter "WITHIN Words"	Richard	Astle	9	1	5	Control Structures
Letter "A Couple of CASE's"	Ed	Petsche	9	1	6	Control Structures
Letter "A Couple of CASE's"	Gene	Thomas	9	1	7	Control Structures
Readable Forth	Carl	Wenrich	9	4	14	Control Structures
Letters "Case Counter"	Wes	Cowley	11	3	6	Control Structures
Forth in Optimal Control	J.B.	Ho	11	4	16	Control Structures
Expert System Toolkit	Marcos	Cruz	11	2	23	Control Structures
Letter "Catch & Throw"	Doug	Currie	12	5	5	Control Structures
Letters "Return to DO-FOREVER"	Tom	Napier	12	3	6	Control Structures
Interactive Control Structures	John	Hayes	12	2	28	Control Structures
Universal Control Structures	Kevin	Haddock	13	3	9	Control Structures
The Curly Control Structure Set	Kourtis	Giorgio	13	6	22	Control Structures
One-Screen Unified control Structure	Gordon	Charlton	14	6	9	Control Structures
The Curly Control Structure Set	Kourtis	Giorgio	14	1	23	Control Structures
The Forth Step - Stepper Motor control	Martin B.	Petri	4	2	12	Controls
Input Number Word Set	Robert E.	Patten	2	5	129	Data Acquisition
Technotes - Input Commands as Text Literals	H.E.R.	Wijnands	4	3	31	Data Acquisition
Introduction to Data Acquisition	Mike	Perry	5	5	5	Data Acquisition
Yet Another Number Utility	David	McKibbin	5	4	7	Data Acquisition
Menu-Driven Software	John	Bowling	5	4	10	Data Acquisition
A Paradigm for Data Input	Mike	Ham	5	5	19	Data Acquisition
Letter "Getting HEXed"	Alden B.	Long	6	2	7	Data Acquisition
Think Like a User, Write Like a Fox	Mike	Ham	6	3	23	Data Acquisition
Letter "Capital Idea"	Michael	Hore	7	1	5	Data Acquisition
Number Editing Utility	Ken	Takara	7	3	37	Data Acquisition
CASE Conversion in KEY	David W.	Harralson	8	1	21	Data Acquisition
In Search of a Better Number Input Routine	Mike	Elola	11	4	36	Data Acquisition
Upscale Number Input	Glenn	Linderman	12	2	8	Data Acquisition
Elements of a Forth Data Base Design	Glen	Haydon	3	2	45	Data Base
The Indexer: Enhancements to a Data Base Model	Robert N.	Watkins, CCP	4	5	10	Data Base
Letter "DBMS, or, Do Blanks Mean Something?"	James R.	Schierenberg	5	2	4	Data Base
More on Data Bases	Lindsay	Doyle	5	1	27	Data Base
Access tp dBase Files	John	Tarin	10	1	10	Data Base

Randon Disk Records	Brian	Sutton	14	2	10	Data Base
Dumping Wordstar Files	Paul	Cooper	9	6	13	Data Conversion
Quick Text Formatter, Part I	Leo	Brodie	4	3	16	Data Display
Quick Text Formatter, Part 11	Leo	Brodie	4	4	21	Data Display
Making Numbers Pretty	Mike	Ham	7	5	7	Data Display
Wordwrapping Tool	Mike	Ham	7	4	8	Data Display
The Mov.. Cursor Writes And,Having Writ,Moves On	Mike	Ham	7	6	10	Data Display
Letter "Seeing is Believing"	Gene	Thomas	8	4	6	Data Display
Forth Source Formatter	John	Konopka	8	2	27	Data Display
The "To" Solution	Paul	Bartholdi	1	4	38	Data Structures
To Solution Continued ... Easter	Paul	Bartholdi	1	5	48	Data Structures
More From George - PASCAL & Forth	George	Lyons	1	5	54	Data Structures
Letter "Structured Variables"	W.H.	Dailey	2	1	19	Data Structures
The Execution Variable and Array	Michael A.	McCourt	2	4	109	Data Structures
A New Syntax for Defining Defining Words	William F.	Ragsdale	2	5	121	Data Structures
Userstack	Peter H.	Helmers	3	1	20	Data Structures
A Stack Diagram Utility	Barry A.	Cole	3	1	23	Data Structures
Data Structures in a Telecommunications Front End	John A.	Lefor	3	4	110	Data Structures
A Technical Tutorial: Table Lookup Examples	Henry	Laxen	3	5	151	Data Structures
Defining Words	Henry	Laxen	4	5	4	Data Structures
Defining Words, Part II	Henry	Laxen	4	2	20	Data Structures
Technotes - Bit Array and Manipulations	Timothy	Huang	4	6	25	Data Structures
Defining Words, Part III	Henry	Laxen	4	3	28	Data Structures
PL/1 Data Structures in Forth	Bruce W.	Walker	5	6	8	Data Structures
Self-Defining Words	Henry	Laxen	5	6	35	Data Structures
Letter "To Stack or Not . . ."	Rudy	Smith	6	2	6	Data Structures
Re-Defining a Colon Word	E.H.	Schmauch	6	3	20	Data Structures
Code Modules and Data Structures	John S.	James	7	5	23	Data Structures
A Universal Stack Word	Doneil	Hoekman	7	5	25	Data Structures
Stack Numbers by Name	Melvin	Rosenfeld	8	3	36	Data Structures
Letters "Security Breach"	G.R.	Jaffray	9	6	5	Data Structures
Letters "Ailing Acronyms"	Carol	Pruitt	9	6	6	Data Structures
Forgettable Internal Names	Michael	Hore	9	2	12	Data Structures
Vectored Execution & A Full-Screen Editor	Richard	Haskell	9	5	24	Data Structures
Letters "Superstacks"	Robert	Garian	10	4	5	Data Structures
Letters "Lavel Types for Faster Debugging"	Douglas	Hvistendahl	10	5	5	Data Structures
Convenient Extra Stack	Victor	Yngve	10	3	5	Data Structures
Letters "Shadow Stacks Get Smart"	Darrel	Johansen	10	4	6	Data Structures
Shadow Stacks & Double-Precision Numbers	Darrel	Johansen	10	3	7	Data Structures
Designing Data Structures, Part I	Mike	Elola	10	2	12	Data Structures
Apple II \$Forth	Chester	Page	10	5	14	Data Structures
Designing Data Structures, Part III	Mike	Elola	10	4	26	Data Structures
Designing Data Structures, Part II	Mike	Elola	10	31	31	Data Structures
Letters "Stack Caveat Cured	Ayman	Abu-Mostafa	11	4	5	Data Structures
Letters "Conditional-Stack Caveat"	Paul	Condon	11	3	5	Data Structures
Design Tradeoffs in Stack Computers	Philip	Koopman	11	6	5	Data Structures
Forth needs three more Stacks	Ayman	Abu-Mostafa	11	1	27	Data Structures
Anonymous Things	Leonard	Morgenstern	12	1	8	Data Structures
Arrays In Forth	Loenard	Morgenstern	12	6	13	Data Structures
Stack Variables	Giorgio	Kourtis	12	1	18	Data Structures
Sparse Matrices	Rick	Grehan	15	4	7	Data Structures
Letter "783 gets Gregorian"	Matt	Wilson	9	3	6	Data Typing
Transcendental Functions	Philip	Koopman	9	4	21	Data Typing
Bit-based Truth Tables	Jean-Pierre	Schachter	9	4	23	Data Typing
GridPlot	Gene	Thomas	9	3	30	Data Typing
Perpetual Date Routine	Allen	Anway	9	1	34	Data Typing
Formatting Source code	Glen	Haydon	10	6	10	Data Typing
HELP	William F.	Ragsdale	1	2	19	Debugging
Programming Hints	Henry	Laxen	2	6	168	Debugging
Development of A Dump Utility	John	Bumgarner	2	6	170	Debugging
Letter "6800 Bug Fixes"	Toby L.	Kraft	3	1	7	Debugging
Letter "6502 Bug Fixes"	Edward B.	Beach	3	8	8	Debugging
Programming Aids & Utilities	Kim	Harris	3		1 10	Debugging
Tips on Bringing up 8080 fig-Forth	Ted	Shapin	3	2	40	Debugging
Corrections to Metaforth	John J.	Cassady	3	2	41	Debugging
Tracing Colon-Definitions	Paul	van der Eijk	3	2	58	Debugging
Letter "Bugs"	Robert	Demrow	3	5	135	Debugging
That Mysterious fig-Forth Amnesia	Steve	Munson	3	5	140	Debugging
Letter "Correction to FEDIT"	Edgar	Fay	3	5	142	Debugging
Letter "A HelpfulUtility"	Gregg	Williams	3	5	142	Debugging

Enclose Correction for 6502	Andy	Biggs	3	6	170	Debugging
NOVA Bugs	John K.	Gotwals	3	6	172	Debugging
9900 Trace	Heinz F.	Lenk	3	6	173	Debugging
Checksum for Hand-Entered Source Screens	Klaxon	Suralis	4	3	15	Debugging
Technotes - +BUF BUG	David	Cromley	4	6	25	Debugging
Letter "Random Bugs"	Donald P.	Madson	4	2	31	Debugging
Letter "Breakpoint Revisited"		Anonymous	5	4	3	Debugging
Letter "Tools"	Dave	Kuhlman	5	2	4	Debugging
Letter "VIC Dump"	Michael	Marsh	5	6	4	Debugging
Forth: Cheaper Than Hardware	Peter J.	Lagergren	5	2	13	Debugging
Tracer for Colon Definitions	Rieks	Joosten	5	2	17	Debugging
Add A Break Point Tool	Leo	Brodie	5	1	19	Debugging
Debugging From a Full-Screen Editor	Tom	Blakeslee	5	2	30	Debugging
Technotes - U/Bug Fumigated	K.G.	Lander	5	1	35	Debugging
TI 99/4A Screen Dump	Howard H.	Rogers	6	6	11	Debugging
An Augmented TRACE	Andreas	Goppold	6	5	18	Debugging
Why Forth Isn't Slow	Adin	Tevet	6	5	30	Debugging
Debugging Techniques, Part II	Henry	Laxen	6	3	32	Debugging
Debugging Techniques, Part I	Henry	Laxen	6	2	38	Debugging
Letter "Of Extensions and Hotpatches . . ."	Michael	Barr	7	6	5	Debugging
Letter "Unraveling TI-Forth"	Rene	LeBlanc	7	6	7	Debugging
Word Indexer	Mike	Elola	7	4	10	Debugging
WALK' on Bugs	David	Franske	7	5	16	Debugging
Forth Timer Macros	Iram	Weinstein	7	3	19	Debugging
Hacker's LOCKER	Cecil	McGregor	7	2	27	Debugging
Keywords - Where Used	Nicholas	Pappas	7	1	29	Debugging
An Approach to Reading Programs	Kim	Harris	7	3	34	Debugging
Redefining Words	Philip	Koopman	7	4	36	Debugging
Flexible Test Environment	John	Mullen	9	2	9	Debugging
Run-Time Stack Error Checking	Charles	Shattuck	9	1	32	Debugging
A High-Level Single Stepper	Philip	Bacon	10	6	15	Debugging
Step-Tracing in fig-Forth	Gene	Thomas	10	2	20	Debugging
Extended Byte Dump	Allen	Anway	11	1	8	Debugging
Developing a Step Trace	Chester	Page	11	5	14	Debugging
Letters "He Wants a New View"	Ken	Kupisz	12	3	6	Debugging
Letters "For the Analyzer Toolkit"	Tom	Napier	12	1	7	Debugging
Testing Toolkit	Philip	Koopman	12	3	31	Debugging
A Single-Step Degugger	Rick	Grehan	14	1	6	Debugging
Recursive Decompiler	Norman L.	Hills	5	6	16	Decompiling
The Visible Forth	Rich	Franzen	9	3	18	Decompiling
Letters "Visible Forth (with no exceptions)"	Chris	McBrien	10	2	7	Decompiling
The Visible Virtual Machine	Ellis	Cooper	15	5	17	Dev Environment
Forth Dev Environments for Embedded Real-Time Control	B.	Meuris	15	5	26	Dev Environment
D-Charts	Kim	Harris	1	3	30	Documentation
Letter "Helpful Documentation"	Dannis A.	Larder	4	5	3	Documentation
Letter "Poor Documentation"	Derek	Vair	4	2	4	Documentation
Source Screen Documentation Tool	Kim	Harris	4	2	23	Documentation
Letter "On-Line Does for fig-Forth"	Ron	Braithwaite	8	5	6	Documentation
The Little Help Engine	Frank	Sergeant	14	3	6	Documentation
A Line Editor and History Function	Charles	Curley	15	6	10	Editor
Editorial "Changing of the Guard"	Marlin	Ouerson	5	2	3	Editorial
Editorial "Standard Fare"	Marlin	Ouerson	5	3	3	Editorial
Editorial "Fifth Forth Fest"	Marlin	Ouerson	5	4	3	Editorial
Editorial "Cover Ups"	Marlin	Ouerson	5	5	3	Editorial
Editorial "Forth on Tap"	Marlin	Ouerson	5	6	3	Editorial
Editorial "Points of Departure"	Marlin	Ouerson	6	4	6	Editorial
Editorial "Author Recognition"	Marlin	Ouerson	6	5	6	Editorial
Editorial "Xie, Me"	Marlin	Ouerson	6	6	6	Editorial
Editorial "A Few Changes"	Marlin	Ouerson	6	1	7	Editorial
Editorial "Practical Forth"	Marlin	Ouerson	6	2	7	Editorial
Editorial "Credit Where It's Due"	Marlin	Ouerson	6	3	7	Editorial
Editorial "Macronautics"	Marlin	Ouerson	7	3	6	Editorial
Editorial "Elegant, Clever or Tricky?"	Marlin	Ouerson	7	5	6	Editorial
Editorial "Leaders' Edge"	Marlin	Ouerson	7	4	7	Editorial
Editorial "Journey to the East"	Marlin	Ouerson	7	2	9	Editorial
Editorial "Subjective Benchmark"	Marlin	Ouerson	7	6	9	Editorial
Editorial "Calls for Papers"	Marlin	Ouerson	8	1	6	Editorial
Editorial "A Sense of Place"	Marlin	Ouerson	8	5	9	Editorial
Editorial "Hackles and Hopes"	Marlin	Ouerson	8	3	11	Editorial
Editorial "Conventions"	Marlin	Ouerson	8	4	12	Editorial



Editorial	Marlin	Ouerson	9	1	4	Editorial
Editorial	Marlin	Ouerson	9	3	4	Editorial
Editorial	Marlin	Ouerson	9	4	4	Editorial
Editorial	Marlin	Ouerson	9	5	4	Editorial
Editorial	Marlin	Ouerson	9	6	4	Editorial
Editorial	Marlin	Ouerson	10	1	4	Editorial
Editorial	Marlin	Ouerson	10	2	4	Editorial
Editorial	Marlin	Ouerson	10	3	4	Editorial
Editorial	Marlin	Ouerson	10	4	4	Editorial
Editorial	Marlin	Ouerson	10	5	4	Editorial
Editorial	Marlin	Ouerson	10	6	5	Editorial
Editorial	Marlin	Ouerson	11	1	4	Editorial
Editorial "Forth Hardware"	Marlin	Ouerson	11	2	4	Editorial
Editorial	Marlin	Ouerson	11	3	4	Editorial
Editorial "Software, Hardware Issue Update"	Marlin	Ouerson	11	4	4	Editorial
Editorial	Marlin	Ouerson	11	5	4	Editorial
Editorial "Forth Hardware"	Marlin	Ouerson	11	6	4	Editorial
Editorial	Marlin	Ouerson	12	1	4	Editorial
Editorial	Marlin	Ouerson	12	2	4	Editorial
Editorial	Marlin	Ouerson	12	3	4	Editorial
Editorial "Mid-Life Crisis"	Marlin	Ouerson	12	4	4	Editorial
Editorial "Dissent not = Exile"	Marlin	Ouerson	12	5	4	Editorial
Editorial	Marlin	Ouerson	12	6	4	Editorial
Editorial	Marlin	Ouerson	13	1	4	Editorial
Editorial	Marlin	Ouerson	13	2	4	Editorial
Editorial	Marlin	Ouerson	13	3	4	Editorial
Editorial "Objects d'Art"	Marlin	Ouerson	13	5	4	Editorial
Editorial "New Conte\$t for Forth Authors"	Marlin	Ouerson	13	6	4	Editorial
Guest Editorial "						
How you can Help"	Horace O.	Simmons	13	4	4	Editorial
Editorial	Marlin	Ouerson	14	1	4	Editorial
Editorial	Marlin	Ouerson	14	2	4	Editorial
Editorial	Marlin	Ouerson	14	3	4	Editorial
Editorial	Marlin	Ouerson	14	4	4	Editorial
Editorial	Marlin	Ouerson	14	5	4	Editorial
Editorial	Marlin	Ouerson	14	6	4	Editorial
Editorial	Marlin	Ouerson	15	1	4	Editorial
Editorial	Marlin	Ouerson	15	2	4	Editorial
Editorial "Why FIG Chapters"	Marlin	Ouerson	15	3	4	Editorial
Editorial "A Wholly Unlikely Alliance"	Marlin	Ouerson	15	4	4	Editorial
Editorial "Of Awards and Incentives"	Marlin	Ouerson	15	5	4	Editorial
Editorial	Marlin	Ouerson	15	6	4	Editorial
Letter "Editors"	Edgar H.	Fey	2	5	142	Editors
Some New Editor Extensions	Kim	Harris	2	6	156	Editors
To View or Not To View (To View or To View Not?)	George	Shaw	2	6	162	Editors
Letter "Editors"	Glenn	Farnsworth	2	6	177	Editors
The Forth, Inc. Line Editor	S.H.	Daniel	3	3	80	Editors
Correction to FEDIT	Edgar H.	Fey	3	4	107	Editors
Letter "To 'G' or Not to 'G'"	Mike	Perry	3	6	168	Editors
Interactive Editing	Wendall C.	Gates	6	1	24	Editors
Letter "A Screen in the Dark"	Ramer W.	Streed	8	2	6	Editors
Letter "F1 ... F5 for F83"	Frans	Van Duinen	8	6	9	Editors
The Point Editor	J. Brooks	Breedem	8	3	15	Editors
PDE Full-Screen Editor	Frans	van Duinen	11	2	14	Editors
Add and Delete Screens in PDE	Walter J.	Rottenkolber	13	1	23	Editors
Sixty-formatted Source Code	Hank	Wilkinson	13	1	28	Editors
Letter "One-Screen Full-Screen Editor"	Mike	Lake	13	3	33	Editors
Letter "PDE Erratum"	Walter J.	Rottenkolber	13	3	34	Editors
What is the Forth Interest Group		Editor	1	1	1	Education
Evolution of a F.I.G. Forth Freak	Tom	Olsen	1	1	3	Education
Using Forth for Tradeoffs Between Hdwr/Frmwr/Sftwr	Dave	Wyland	1	1	4	Education
Letter "Lyon's Den"	George	Lyons	2	1	15	Education
Temporal Aspects of the Forth Language	John M.	Derick	2	2	23	Education
Lyon's Den	George	Lyons	2	5	135	Education
Forth and the University	Lawrence P.	Forsley	3	4	101	Education
Letter "Forth in College"	Vernor	Vinge	4	3	3	Education
Forth as a Teaching Language	Albert S.	Woodhull	4	6	5	Education
Teaching Forth on a VAX	Vernor	Vinge	4	6	8	Education
Letter "Unfinished Business"	William A.	Paine	5	3	3	Education
Letter "A Friend in Need"	Duane	Windemiller	5	4	3	Education

Letter "RPN Blues Revisited"		Anonymous	5	3	4	Education
Letter "As for MYSELF. . ."	William T.	Watson	5	6	5	Education
Ask the Doctor	William F.	Ragsdale	5	6	6	Education
Letter "Variable Urges"	Bryn	Aash	5	6	34	Education
Letter "Readability"	David	Held	5	6	38	Education
Letter "Manufacturing Elegance"	Ron	Apra	5	6	39	Education
Letter "Coding for Dollars, and Wanted: Slow Edtr"	Henry J.	Fay	6	4	5	Education
Letter "Kaypro User in Distress"	Alan	Barlow	6	2	6	Education
Letter "Grass-Roots Forth"	Lionel	Hewett	6	5	6	Education
Letter "Obstructing Knowledge?"	Chuck	Larrieu	6	1	6	Education
Learning Forth	William F.	Ragsdale	6	6	7	Education
How to Learn Forth	William F.	Ragsdale	6	5	9	Education
Ask the Doctor "Moving to ROM"	William F.	Ragsdale	6	1	10	Education
Ask the Doctor "Astronomical Problems"	William F.	Ragsdale	6	3	30	Education
Ask the Doctor "Forth and the AIM-65"	William F.	Ragsdale	6	2	37	Education
Letter "More Grass Roots"	J. Grant	Viening	7	1	5	Education
Let's Keep It Simple	Ron	Apra	7	6	21	Education
Letter "Teaching Forth: Testing TESTIT"	Gene	Thomas	8	3	5	Education
Getting Started with F83	Greg	McCall	8	4	37	Education
Letter "Brand Name Dropping"	Michael	Nemeth	9	3	5	Education
A Free Spirit: Where to From Here?	Glen	Haydon	9	5	7	Education
Consumerized Forth	Ken	Takara	9	2	18	Education
Educating Forth Users	Bill	Kibler	9	6	27	Education
Letters "Student's Forth"	Henning	Hansen	10	4	6	Education
China's National Forth Examination	C.H.	Ting	14	2	26	Education
Designing Software-controlled Devices	Carol	Goldsmith	14	1	12	Embedded Systems
On the Back Burner #4 "Some Assembly Required..."	Russell	Harris	14	4	38	Embedded Systems
On the Back Burner #5 "A Lesson in Economics"	Russell	Harris	14	5	43	Embedded Systems
Letter "8080 nucleus of MSL"	Robert D.	Villwock	1	5	54	Errata
Letter "FORTH-65 from fig-FORTH"	J. E.	Rickenbacker	2	2	34	Errata
Letter	Edgar H.	Fey	2	5	134	Errata
Letter "Errors"	Robert	Demrow	3	2	36	Errata
Letter "6809 Forth"	A.R.	Gunion	3	2	37	Errata
Letter "Hardware"	Jack	Haller	3	2	37	Errata
Letter "Hardware"	Kent A.	Reed	3	2	37	Errata
Letter "Errors"	Steve	Wheeler	3	2	39	Errata
Letter "Cordic Erratum"	Alan	Furman	4	3	3	Errata
Letter "Neater S->D"	J.R.	Stapleton	4	4	3	Errata
Letter "Minor Errors"	R. Dudley	Ackerman	4	2	4	Errata
Technotes - 6502's U/BUG	Jack	Haller	4	2	30	Errata
Letter "Back to Ackermann"	Don	Russ	4	2	30	Errata
Letter "6800 'Contemplations'"	Ronald	Zech	4	2	31	Errata
Letter "Errata"	David	Held	5	5	22	Errata
Letter "ENCLOSE Encounters of the Second Kind"	Nicholas	Pappas	5	3	30	Errata
Letter "Minus a Plus"	Norman L.	Hills	6	2	7	Errata
Letter "Volvos Drove Him to Forth & Forth's Missing Link"	Henry	Vinerts	14	6	5	Feedback to FD
Letter "Pipe Dreams"	Christopher	Browne	15	4	5	Feedback to FD
Letter "Off-Line Resources"	B.M.	Morris	15	6	5	Feedback to FD
Letter "Of Saints and Spaghetti"	Walter J.	Rottenkolber	15	1	5	Feedback to FD
Alternative Software Making Great Strides	Alan	Taylor	2	5	151	FIG
Letter "FIG Publications"	George O.	Young III	2	6	176	FIG
Letter "Brodie Cartoons"	Jim	Fegen	3	3	69	FIG
Letter "De-California"	Eric	Perrault	4	1	1	FIG
Letter "Hunting Figheads"	Larry	Pfeffer	4	2	3	FIG
New FIG Directors	William F.	Ragsdale	6	1	8	FIG
Presidents Letter "Goals and Objectives"	Robert	Reiling	6	2	9	FIG
Letter "Operations"	Robert	Reiling	6	3	9	FIG
Letter "FIG: An International Service Organization"	Robert	Reiling	7	1	6	FIG
Letter "Out of Ireland"	Richard	Rooney	8	6	6	FIG
Candidates' Statements - FIG Board Nominees		Anonymous	9	2	40	FIG
Presidents Letter	John	Hall	12	6	5	FIG
Letters "Poly-Lingual FIG?"	Giorgio	Kourtis	12	2	5	FIG
Letter "Marketing vs Objectivity & Public Domain Glut"	Mitch	Bradley	13	5	5	FIG
Letter "Membership Hostage: Funds for Figures"	Philip	Koopman	13	2	5	FIG
Letter "Black-Belt Exhaustion & Lean, Mean FIG"	C.H.	Ting	13	3	5	FIG
Letter "We Must Not Do Nothing"	Peter	Verhoeff	13	5	5	FIG
Letter "Note from a Defector"	Laughing	Water	13	1	5	FIG
Presidents Letter	John	Hall	13	1	6	FIG
Letter "Singapore Slingshot Targets FIG Issues"	John N.S.	Tse	13	4	10	FIG
Letter "The Atari Lesson"	John H.	Lee	13	5	13	FIG

Letter "Forth on the Macintosh"	Conrad	Weyns	13	3	15	FIG
Presidents Letter	John	Hall	13	3	23	FIG
Presidents Letter	John	Hall	13	4	26	FIG
Letter "U.K. Contest Winners"	Gordon	Charlton	13	3	30	FIG
New FIG Board Members			13	6	31	FIG
Presidents Letter	John	Hall	13	2	32	FIG
Letter "C Saws, Frogs, and Princesses"	Sid	Knox	15	2	8	FIG
High Speed Disk Copy	Richard B.	Main	1	3	34	Files
File Naming System	Peter H.	Helmerts	2	2	29	Files
Letter "Data Acquisition"	Peter H.	Helmerts	2	2	33	Files
Changing 8080 fig-Forth for Disk Copying	Ted	Shapin	3	2	42	Files
Increasing fig-Forth Disk Access Speed	Michael	Burton	3	2	53	Files
Diagnostics on Disk Buffers	Timothy	Huang	3	6	183	Files
Letter "Yes On Operating Systems"	Nick	Francesco	4	6	3	Files
Letter "Freedom and Formatting"	Stephen B.	Bracker	4	3	4	Files
A Forth Based File Handling System	Dr. Donald	Delwood	4	3	8	Files
Technotes "RLOAD Program Package Load"	C.L.	Stephens	4	6	27	Files
Letter "Flush Is Too Much"	Bruce	Walker	4	2	30	Files
Letter "File Fan"	David	Williams	5	4	4	Files
An Easy Directory System	Wil	Baden	5	3	11	Files
A RAMdisk for 8086/8088 Fig-Forth	John W.	Irwin	5	3	14	Files
Toward Eliminating Forth Screens	Robert R.	Wagner	5	5	20	Files
More Screens for the Apple	Allen	Anway	6	1	22	Files
Universal Text File Reader	John S.	James	7	3	7	Files
Letter "You Screen, I Scream"	Laughing	Water	7	2	7	Files
Letter "Dictionary Magic"	Gene	Thomas	8	2	5	Files
Screenless Forth	Carl	Wenrich	8	5	13	Files
Simple File Query	Ed	Petsche	8	4	17	Files
DOS File Disk I/O	Charles G.	Wilcox	8	6	19	Files
Letters "Don't Chip Off the Old Block"	Pierluigi	De Rosa	9	5	5	Files
Floating Point on the TRS-80	Kalman	Fejes	3	6	184	Floating-Point
Floating Point FORTH?	Michawl	Jesch	4	1	23	Floating-Point
Letter "Public-Domain Floating Point"	Philip	Koopman	8	2	5	Floating-Point
Practical Considerations for Floating-Point	Richard	Wilton	8	5	10	Floating-Point
Forth Definition	William F.	Ragsdale	1	2	18	Forth
Functional Programming and Forth	Harvey	Glass	3	5	137	Forth
Forth and the Three-Number Problem	Leonard	Morgenstern	12	4	20	Forth
Letter "Dreaming That It's Forth"	John G.	Derrickson	13	2	5	Forth
Letter "Go Ahead - Trust the Compiler!"	John	Edgecombe	13	1	5	Forth
Letter "Forth on a Bathroom Scale - No Lighthouse"	Steve J.	Noll	13	5	5	Forth
Letter "Ile of Not Ile"	Tom	Saunders	13	2	5	Forth
WISC and the Forth Dilemma	Glen	Haydon	10	3	12	Forth Promotion
The Greening of Forth	Jack	Woehr	10	6	40	Forth Promotion
Letters "Language of Choice"	Phil	Chadwick	12	3	5	Forth Promotion
Letters "Language of Choice"	Walter	Rottenkolber	12	3	5	Forth Promotion
Embedded Control: Path to Forth Acceptance	Philip	Koopman	12	1	35	Forth Promotion
Letter "No Commerce, No Forth"	Charles	Esson	14	1	5	Forth Promotion
Letter "Ideal Time for the End Run"	Mark	Martino	14	1	5	Forth Promotion
Letter "Strength Mistaken"	Garth	Wilson	14	6	5	Forth Promotion
Letter "The Future of Forth & the Forth Interest Group"	Peter	Roeser	14	3	11	Forth Promotion
Fast FORTHward	Mike	Elola	14	4	26	Forth Promotion
Fast FORTHward	Mike	Elola	14	3	30	Forth Promotion
Fast FORTHward	Mike	Elola	14	2	32	Forth Promotion
Fast FORTHward	Mike	Elola	14	5	36	Forth Promotion
Fast FORTHward	Mike	Elola	14	1	38	Forth Promotion
Fast FORTHward	Mike	Elola	14	6	39	Forth Promotion
Letter "Smell the Earth, Hear the Seagulls"	Glen	Dixon	15	1	5	Forth Promotion
Fast FORTHward "The Point of No Return"	Mike	Elola	15	3	31	Forth Promotion
Letter "Reader Profile: Mark K Malmos"	Mark	Malmos	15	1	35	Forth Promotion
Fast FORTHward	Mike	Elola	15	1	36	Forth Promotion
Fast FORTHward	Mike	Elola	15	2	36	Forth Promotion
Fast FORTHward "Preparing a Press Release"	Mike	Elola	15	4	42	Forth Promotion
Fast FORTHward	Mike	Elola	15	5	42	Forth Promotion
Fast FORTHward	Mike	Elola	15	6	42	Forth Promotion
Forth, for the Motorola 6809	Raymond J.	Talbot, Jr.	2	1	3	Forths
Letter "6809 Gift"	Raymond J.	Talbot, Jr.	4	2	3	Forths
Letter "Color Forth"	Gobind Singh	Khalsa	6	6	6	Forths
Letters "Korean Forth is Natural"	Chong-Hong	Pyun	10	6	8	Forths
FORTT: A 68000 Native-CodeForth, Part V	John	Redmond	12	6	16	Forths
FORTT: A 68000 Native-CodeForth, Part I	John	Redmond	12	2	20	Forths

FORTT: A 68000 Native-CodeForth, Part III	John	Redmond	12	4	26	Forths
FORTT: A 68000 Native-CodeForth, Part IV	John	Redmond	12	5	28	Forths
FORTT: A 68000 Native-CodeForth, Part II	John	Redmond	12	3	34	Forths
Forth Systems Comparisons	Guy M	Kelly	13	6	6	Forths
Letter "Ile Solutions"	Luis de la Cerda	Delpin	13	4	10	Forths
Forth for the 90's	Tom	Zimmer	13	1	12	Forths
eForth - A Portable Forth Model	C.H.	Ting	13	1	15	Forths
An Introduction to Pygmy Forth	Frank	Sergeant	13	2	25	Forths
Letter "Answer to a Dream"	Glen F.	Ingle	13	3	37	Forths
Letter "Threading a Memory Waste"	Jim	Callahan	14	2	5	Forths
Letter "Optimizer Concern Misplaced"	Ray	Duncan	14	2	5	Forths
JForth	Phil	Burk	14	1	14	Forths
Charles Moore's Fireside Chat '92	C.H.	Ting	14	6	14	Forths
Letter "Kelly's Comparisons Clarified"	Guy M.	Kelly	14	6	16	Forths
Letter "1/O Time Dominates Real Performance"	Elizabeth	Rather	14	2	42	Forths
Letter "Something Old, something New"	Walter J.	ottenkolber	15	6	5	Forths
Letter "Fractal's Dimensions"	Mark	Smiley	9	3	5	Fractals
Fractal Landscapes	Philip	Koopman	9	1	12	Fractals
Letters "Fractals, Windows, and 64K"	David J.	Dartnall	10	1	5	Fractals
The Game of Reverse	Michael	Burton	3	5	152	Games
The 31 Game	Tony	Lewis	3	5	154	Games
A Video Version of Master Mind	David	Butler	3	5	158	Games
Tracking the Beast	Nathaniel	Grossman	8	5	15	Games
7,776 Limericks	Nathaniel	Grossman	8	6	28	Games
Capture!	Bruce	Nicholas	10	6	20	Games
Letter "Graphics"	Timothy	Huang	3	3	69	Graphics
Simulated Tektronics 4010 Graphics With Forth	Timothy	Huang	3	5	156	Graphics
Graphic Graphics	Bob	Gotsch	3	6	186	Graphics
A PICTURE Worth a 1000 Words	Elmer W.	Fittery	4	5	19	Graphics
The Sheer Joy of Clipping Recursively	Bob	Gotsch	4	3	21	Graphics
Interactive Computer Graphics for Art and Design	Bob	Gotsch	5	1	3	Graphics
Forth in the Arts, Three Application Stories	Howard	Pearlmutter	5	1	5	Graphics
3-D Animation	Paul	Lutus	5	1	11	Graphics
Atari Painting Forth	Stephen	James	7	4	28	Graphics
The Bresenham Line-Drawing Algorithm	Philip	Koopman	8	6	12	Graphics
Inverse Video and TI-FORTH	Richard	Minutillo	8	6	32	Graphics
Windows for the TI 99/4A	Blair	MacDermid	8	4	34	Graphics
Eggs, Ovals Easy	Robert	Garian	11	2	6	Graphics
Filling Algorithms	Zbigniew	Szkaradnik	11	2	10	Graphics
Graphics and Floating Point	Mark	Smiley	14	5	16	Graphics
Print ZIP Barcodes	Walter J.	Rottenkolber	15	6	27	Graphics
Drawing BMP Files	Hank	Wilkinson	15	4	27	Graphics
Another Generation of Mistakes?	Roger L.	Gulbranson	1	5	52	Hardware
Letter "Forth Machine Project"	Martin	Schaaf	4	4	3	Hardware
The R65F11 Forth Chip	Randy	Dumse	5	2	25	Hardware
Letter "Mil-Std-1750, Anyone?"	Hans J.	vonderPfordten	5	6	38	Hardware
Letter "Search for Model III Source"	Arthur	Wendover	6	4	7	Hardware
Letter "Forth Can Flex"	Wilson M.	Federici	7	5	5	Hardware
Letters "Vintage Hardware"	Gene	Thomas	10	6	6	Hardware
SC32: a 32-bit Forth Engine	John	Hayes	11	6	10	Hardware
Banking on the R65F11	D.C.	Edwards	12	1	23	Hardware
Adventures in Serial Communications	Al	Mitchell	15	6	6	I/O devices
Interface for the GPIB	Robert	Thompson	15	1	10	I/O Devices
An HP Laserjet/Deskjet Driver	Charles	Curley	15	2	28	I/O Drivers
Forth Mailbag	Dave	Bengel	1	1	6	Interest
Letter "Apologies"	Dan	del Vecchio	1	4	44	Interest
Installation Reports - fig-Forth		Editor	1	5	53	Interest
Forth, The Last Ten Years and The Next Two Weeks	Charles	Moore	1	6	60	Interest
Letter "2650-Forth"	Ed	Murray	2	1	16	Interest
Letter "Errors?"	Gordon	Stallings	2	1	16	Interest
Letter "Forth Books?"	Andrew W.	Watson	2	1	16	Interest
Letter "8080 fig-Forth"	M. Paul	Farr	2	1	17	Interest
Letter "Z-80 fig-Forth"	Kalman	Fejes	2	1	18	Interest
Letter "BASIC a Red Herring"	Bill	Stoddart	2	1	18	Interest
Letter "OSI fig-Forth"	Guy T.	Grotke	2	5	140	Interest
Letter "6800 fig-Forth"	Neal	Champion	2	6	175	Interest
Letter "Inner Workings"	R.	Stockhausen	2	6	175	Interest
Letter "Thanks"	J.D.	Huttley	3	1	2	Interest
Letter "Born-Again"	Larry R.	Shultis	3	1	2	Interest
Letter "Articles"	Paul	van der Eijk	3	2	35	Interest

Letter "Good Work"	Gregg	Williams	3	5	135	Interest
Letter "Standardized Subsets"	Roger	Cole	3	5	136	Interest
Letter "Writers Kit"	Bib	Royce	3	5	137	Interest
Forth and Artificial Linguistics	Raymond	Weisling	3	5	138	Interest
Letter "Forth in its Own Write"	J.T.	Currie, Jr.	3	6	168	Interest
Letter "Brain-System"	D.L.	Szekeley	3	6	169	Interest
Letter "VAX And Ye Shall Receive?"	James H.	Rapp	4	2	3	Interest
Letter "Imagine, If You Will . . ."	John	Forsberg	5	2	3	Interest
Letter "RAM Card Access"	G. Edw.	Learned	5	2	4	Interest
Letter "Searching for Graves"	James W.	Patton	5	3	29	Interest
Letter "Forth Family Foiled"	Gary	Nemeth	5	3	30	Interest
Letter "A Cure is in Sight"	David H.	Lawson	6	3	5	Interest
Letter "Already Abstruse"	Scott	Locicero	6	6	5	Interest
Letter "Value Needn't Be Pricey"	Fred H.	Olson	6	3	5	Interest
Letter "Missing Enigma"	Danny K.	Liles	6	6	6	Interest
Letter "Keeping Time"	Perr	Cardestam	6	1	7	Interest
The Far Right Stuff	Mike	Perry	6	6	21	Interest
Letters "Keep Art Alive"	Jay	Topping	11	4	5	Interest
Letters "Screens forshadowed (but not Shadow Screens)"	Glenn	Toennes	11	5	6	Interest
Letters "No Provisions.."	Thomas	Donaldson	12	1	6	Interest
Letters "...But Not a Wasteland"	Donald	Hicks	12	1	6	Interest
Forth P-Code Interpreter	A.J.	Monroe	6	4	9	Interpreters
A Faster Next Loop	Carl	Wenrich	9	6	16	Interpreters
Letters "And NEXT, in No Time at all"	Glen	Haydon	10	1	6	Interpreters
Interpretation-Macro Techniques	Chester	Page	12	1	11	Interpreters
A High Level Interrupt Handler in Forth	R. L.	Keck	3	4	116	Interrupts
Handling Interrupts in Forth	Stephen	Melvin	4	2	17	Interrupts
Pseudo-Interrupts	Ed	Schmauch	7	3	30	Interrupts
Interrupt-Driven Serial Input	John S.	James	8	1	8	Interrupts
TI 99/4A ISR Installation	Gene	Thomas	8	1	23	Interrupts
Forth Interrupt Handling	Barrie	Walden	12	5	10	Interrupts
A Hardware Intrerrupt Handler	Tim	Hendtlass	14	4	8	Interrupts
Interview with Charles Moore	Marlin	Ouverson	5	2	5	Interviews
Interview - William F. Ragsdale		Anonymous	5	6	20	Interviews
Moore Chats on CompuServe		Anonymous	8	1	25	Interviews
Interview "Palo Alto Shipping Co."	Mike	Ham	9	4	17	Interviews
Starting Forth Inc - Interview w/Elizabeth Rather	Mike	Ham	9	1	27	Interviews
Starflight, Star Bright - Interview with Tim Lee	Mike	Ham	9	2	29	Interviews
Profiles in Forth: John D. Hall	Mike	Ham	9	5	31	Interviews
Profiles in Forth: Martin Tracy	Mike	Ham	9	6	31	Interviews
A Fireside Chat with Charles Moore	Scott	Squires	9	6	36	Interviews
Letters "More on Behalf of Wm. Shkspr.:"	Robert Lee	Hoffpauer	10	6	6	Interviews
Letters "Vintage Hardware"	Glenn	Toennes	10	6	6	Interviews
Letter "Infecting the Mumps"	Henry G.	Heffernan	4	3	3	Languages
Letter "Utility Packages"	George O.	Young III	3	1	3	Libraries
Letter "Forth Application Library"	Nic	Vine	3	6	168	Libraries
Letter "In Praise of Libraries"	Mark	Smiley	7	4	5	Libraries
Forth Component Libraries	John S.	James	7	4	38	Libraries
Letter "What Forth Can Learn From C"	Rich Kevin	O'Brien	8	3	5	Libraries
Letters "He Wants Proof Mike"	McCann	10	4	6	Libraries	Libraries
Letters "Wish List"	John	Howard	11	2	5	Libraries
Technotes "Circular lists"	C.L.	Stephens	4	6	27	Lists
Forth List Handling	Birger	Olofsson	6	1	36	Lists
Turning the Stack into Local Variables	Marc	Perkel	3	6	185	Local Variables
Local Definitions	Carol	Pruitt	6	6	16	Local Variables
Anonymous Variables	Leonard	Morgenstern	6	1	33	Local Variables
Letter "Stack Your Locals"	Tom	Shaw	7	5	5	Local Variables
Letters "Local Variables"	Henning	Hansen	9	5	5	Local Variables
Local Variables	Peter	Ross	9	4	9	Local Variables
Letters "Local Variables Revisited"	Henning	Hansen	10	5	5	Local Variables
Letters "Code for Local Variables"	Michael	Barr	10	1	6	Local Variables
Headless Local Variables and Constants	John	Daugherty	10	1	19	Local Variables
Local Variables and Arguments	Jyrki	Yli-Nokari	11	1	13	Local Variables
Local Variables - Another Technique	John	Hayes	11	1	18	Local Variables
Prefix Frame Operators	Jose	Betancourt	11	1	23	Local Variables
Letter "More Good Results with Forth"	Ivan	Coelho	15	3	5	Marketing Forth
Letter "Forth's Real Problem"	Don	Kenney	15	4	5	Marketing Forth
Letter "Aborting with the Same Message?"	Jim	Mack	15	5	5	Marketing Forth
Letter "Smashing Marketplace Myths"	Elizabeth	Rather	15	2	5	Marketing Forth
Letter "Three-Piece Logic"	Walter J.	Rottenkolber	15	2	7	Marketing Forth

Forth in Search of a Job	Donald	Kenney	15	1	24	Marketing Forth
Greatest Common Divisor	Robert L.	Smith	2	6	166	Math
Complex Analysis in Forth	Alfred	Clark, Jr.	3	4	125	Math
Letter "Pushing Frontiers"	Ken	Butterfield	4	3	3	Math
Proposals for Relationals and Mult. Operators	Robert L.	Smith	4	1	3	Math
Letter "Closer Approximations"	Robert T.	Corry	4	4	4	Math
Fixed-Point Trig by Table-Lookup	John S.	James	4	1	6	Math
Fixed-Point Trig by Derivation	John	Bumgarner	4	1	7	Math
Fixed Point Square Roots	Klaxon	Suralis	4	1	9	Math
Fractional Arithmetic	Leo	Brodie	4	1	13	Math
The Cordic Algorithm for Fixed-Pnt Polar Geometry	Alan	Furman	4	1	14	Math
Algebraic Expression Evaluation in Forth	Michael	Stolowitz	4	6	14	Math
Quadruple Word Simple Arithmetic	David A.	Beers	4	1	17	Math
Technotes - Exponentiation	George	Lyons	4	3	31	Math
Fixed-Point Logarithms	Nathaniel	Grossman	5	5	11	Math
Double-Precision Math Words	L.H.	Bieman	5	1	16	Math
Stack-Oriented Co-Processors and Forth	Dana	Redington	5	3	20	Math
CORDIC Algorithm Revisited	Dave	Freese	5	3	24	Math
Fixed-Point Square Roots in Forth	Nathaniel	Grossman	5	6	28	Math
Long Divisors and Short Fractions	Nathaniel	Grossman	6	3	10	Math
Mathquiz	Lyle D.	Morton	6	6	13	Math
Monte Carlo Factorizer	Nathaniel	Grossman	6	6	25	Math
Letter "Multiply, Divide and Conquer"	Zafar	Essak, M.D.	7	4	5	Math
Letter "Missing Mathquiz"	Nathaniel	Grossman	7	2	7	Math
Letter "Division Floors Him"	Zafar	Essak, M.D.	7	2	9	Math
Fast Evaluation of Polynomials	Nathaniel	Grossman	7	9	27	Math
Letter "Student Roots"	R.L.	Davies	8	4	8	Math
Fast Fixed-Point Trig	Johann	Borenstein	8	1	14	Math
Unsigned Division Code Routines	Robert L.	Smith	8	6	18	Math
Shuffled Random Numbers	Leonard	Zettle	8	3	31	Math
Checksum More	Len	Zettel	8	6	40	Math
Letter "Mods Quad Divides"	Michael	Barr	9	2	36	Math
Fibonacci Random Number Generator	Nathaniel	Grossman	11	4	10	Math
Quaternion Rotation Calculation	Antonio	Lara-Feria	11	3	11	Math
Reliable 8086 Division	David	Arnold	12	4	5	Math
Letter "More Reliable 80x86 Division"	David	Arnold	12	5	5	Math
Letter "More Reliable 80x86 Division"	Ray	Duncan	12	5	5	Math
Positive-Divisor Floored Division	Robert	Berkey	12	1	14	Math
Extended-Precision Math Made Easy	Douglas	Ross	12	4	16	Math
Pencil-and-Paper Arithmetic	J.J.	Martens	12	6	22	Math
Letter "Big Number Arithmetic"	Philip	Preston	13	3	32	Math
Math- Who Needs It?	Tim	Hendtlass	14	6	27	Math
Mixed Integer Arithmetic	Walter J.	Rottenkolber	15	2	15	Math
I Needed It: Mini-Math	Tim	Hendtlass	15	5	21	Math
Integer Date Calculations	Richard	de Rozario	15	1	25	Math
Mapped Memory Management Techniques in Forth	Rosemary	Leary	3	4	113	Memory
Letter "Addressing the Marketplace"	Michael	Hore	7	3	5	Memory
Forth Systems With a Segmented Memory Model	Richard	Wilton	8	3	12	Memory
Relocatable F83 for the 68000	Robert	Eager	9	6	20	Memory
Accessing 80286 Extended Memory	Richard	Olivo	11	2	19	Memory
Increase Memory for the TI 99/4A	Howard	Rogers	11	4	21	Memory
Dynamic Virtual Memory Management	Antero	Taivalsaari	12	3	7	Memory
Dynamic Memory Allocation	Dreas	Nielsen	12	3	17	Memory
Smart RAM	Rob	Chapman	12	3	28	Memory
Interfacing to Extended Memory	Jesus	Consuegra	14	2	6	Memory
Principles of Metacompilation	Brad	Rodriquez	14	3	13	Metacompilation
Principles of Metacompilation	Brad	Rodriquez	14	4	14	Metacompilation
Principles of Metacompilation	Brad	Rodriquez	14	5	26	Metacompilation
Metacompiling by Defining Twice	Chester	Page	12	2	31	Metacompiling
Forth Semaphores	Jens	Zander	6	4	23	Multiprocessing
Multiprocessor Forth Kernel	Brad	Rodriquez	11	3	14	Multiprocessing
Ada Multiprocessor Real-Time Kernel	Hoyt A.	Sterns	13	3	24	Multiprocessing
Parallel Forth: The New Approach	Michael	Montvelishsky	15	6	15	Multiprocessing
A Simple Multi-Tasker	Ray	Duncan	5	2	20	Multitasking
Simple Forth Multi-Tasking Environment	Martin B.	Petri	5	2	22	Multitasking
Multi-Tasking, Part I	Henry	Laxen	5	4	26	Multitasking
Multi-Tasking, Part II	Henry	Laxen	5	5	37	Multitasking
Mailboxes	R.W.	Dobbins	7	4	25	Multitasking
Letter "Swift 6502 Multi-Tasking"	Dale	King	9	2	8	Multitasking
Multitasking Modem Package	Jeffrey	Teza	9	6	8	Multitasking

Letters "No TRAPS in His Multitasker..."	Charley	Shattuck	10	2	7	Multitasking
Multitasking & Controlling Regular Events	T.	Hendtlass	11	5	17	Multitasking
From Clepsydras to Neural Nets	Robert	Rarian	12	6	6	Neural Nets
Neural Network Words (Part 1)	Tim	Hendtlass	13	2	9	Neural Nets
Neural Network Words (Part 2)	Tim	Hindtlass	13	3	17	Neural Nets
Rational Numbers, Vulgar Words	Gordon	Charlton	15	5	7	Numbers
Procedural Arguments	Kurt W.	Luoto	6	2	10	Objects
Classes in Forth	Vince D.	Kimball	8	5	24	Objects
Object-Oriented Forth	Rick	Hoselton	10	2	15	Objects
Designing Data Structures, Part IV	Mike	Elola	10	5	19	Objects
Letters "Object Commentary"	Ayman	Abu-Mostafa	11	3	5	Objects
Letters "Objects are Harmonious"	Dave	Edwards	11	1	5	Objects
Letters "Curious About Code With Class"	Mike	Elola	11	2	5	Objects
Yerk Comes to the PC	Rick	Grehan	13	5	6	Objects
Object-Oriented Forth	Roger	Bicknell	13	5	23	Objects
Simple Object-Oriented Forth	C. A.	Maynard	13	5	33	Objects
PCYerk Classes	Rick	Rrehan	13	6	39	Objects
Object-Oriented Forth	Markus	Dahm	14	1	16	Objects
Letter "Ready to Pay"	Mark	Martino	15	3	5	Objects
Towards Natural Language Programming	Markus	Dahm	15	2	17	Objects
Letter "Another Vote for natOOF"	Gus	Calabrese	15	4	41	Objects
Forth and the Rest of the (DOS) World	Richard	Astle	15	4	11	Operating Systems
Optimization Considerations	Charles	Curley	14	5	6	Optimization
Optimizing in BSR/JSR-Threaded Forth	Charles	Curley	14	6	21	Optimization
Skewed Sectors for CP/M	Roger D.	Knapp	3	6	182	OS
Forte - A Forth-Based Operating System	John S.	James	4	3	5	OS
Standardized Micro OS Interface?	Gary	Feierbach	4	3	6	OS
Simple Screen Directory	Devid	Cornell	10	4	8	OS
A Simple Overlay System	Christian	Mahr	5	1	37	Overlays
Letters "Outa' Space"	George	Boudreau	10	6	8	Overlays
INTRAN - an Integer Formula Translator	J.V.	Noble	15	3	16	Parsing
Letter "Pattern Matching Rings True"	Marty	McGowan	14	3	20	Pattern Matching
Structured Pattern Matching (Part 1)	Ariel	Scolnicov	14	2	21	Pattern Matching
Structured Pattern Matching (Part 2)	Ariel	Scolnicov	14	3	22	Pattern Matching
The Multi-Dimensions of Forth	Glen	Haydon	8	3	32	Philosophy
10 Forth Commandments	Tom	Napier	14	1	5	Philosophy
Poem - The Mirth Dimension	Wayne	Cox	7	2	37	Poem
On the Back Burner #8 "Dead Reckoning"	Russell	Harris	15	2	43	Pointers
Letters "Worthless Like Pascal"	Joe	Sternlicht	9	6	5	Portability
Forth to the Future	Mitch	Bradley	9	1	17	Portability
Recursion - The Eight Queens Problem	Jerry	Le Van	2	1	6	Recursion
Towers of Hanoi	Peter	Midnight	2	2	32	Recursion
Recursion and the Ackerman Function	Joel	Petersen	3	3	89	Recursion
A Roundtable on Recursion		Editor	3	6	179	Recursion
A Recursion Technique	Christoph P.	Kukulies	3	6	179	Recursion
Another Recursion	Arthur J.	Smith	3	6	179	Recursion
The Art of Recursion	Bob	Gotsch	4	2	24	Recursion
A Recursive Decompiler	R. Dudley	Ackerman	4	2	28	Recursion
Vectored Execution and Recession	Roy W.	Sommers	5	4	17	Recursion
Recursion of the Forth Kind	Michael	Gwilliam	5	5	28	Recursion
Letter "Back to Recursion"	Ron	Apra	6	5	5	Recursion
Recursion	Mike	Ham	6	4	19	Recursion
Letter "Simpler Recursion"	Peter	Oppenheimer	7	1	5	Recursion
Letter "A Tale of Recursion"	Denis	Lambert	8	5	5	Recursion
Letter "Product Review?"	Glenn A.	Burklund	3	2	65	Review
Letter "Product Review?"	Ray	Duncan	3	3	68	Review
Letter "Timin-Forth"	Everett	Carter	3	5	136	Review
FORML XII	Neil	Bawd	12	6	20	Review
79-Forth ROM for Apple 11	C.H.	Ting	4	4	6	ROM
ROMable Forth With Separate Headers	Robert H.	Hertel	4	4	9	ROM
8080 fig-Forth in ROM	Ted	Croal	4	4	16	ROM
Balanced Tree Deletion in FASL	Douglas H.	Currie, Jr	2	4	96	Searching
Search	John S.	James	2	6	165	Searching
Correction on Search	John S.	James	3	1	9	Searching
Optimizing Dictionary Searches	Paul	van der Eijk	3	2	57	Searching
Faster Dictionary Searches	David W.	Harralson	5	6	14	Searching
Letter "Fast SEARCH for F83"	Bill	Zimmerly	8	4	5	Searching
Letter "Searching for F83"	Robert Lee	Hoffpauer	9	2	8	Searching
Binary Table Search	David	Arnold	11	5	19	Searching
Search Order-Structure	Chester	Page	11	3	23	Searching

Letter "QuickFind Addendum"	Rob	Chapman	13	5	15	Searching
QuickFind String Search	Rob	Chapman	13	4	21	Searching
Compiler Security	George	Shaw	3	1	15	Security
Letter "Compiler Security"	John W.	Baxter	3	3	71	Security
Letter "Compiler Security"	George	Shaw	3	3	71	Security
Execution Security	G.R.	Jaffray	9	2	25	Security
Extensions for F83	Anthony	Scarpelli	9	4	29	Security
.CAME-FROM	Frans	Van Duinen	10	6	29	Security
Recursive Sort on the Stack	Richard	Turpin	5	2	16	Sorting
Quick Sort in Forth	Marc	Perkel	5	5	29	Sorting
Quicksort and Swords	Wil	Baden	6	5	25	Sorting
Generic Sort	John S.	James	7	1	10	Sorting
An Application of the Recursive Sort	Richard	Turpin	7	5	12	Sorting
Select, Ordered, Perform	Wil	Baden	8	1	22	Sorting
Batcher's Sort	John	Konopka	8	4	39	Sorting
Letter "Sorting Out Batcher's"	Allan	Anway	9	2	5	Sorting
Letter "Sorting Out Batcher's"	Gene	Thomas	9	2	5	Sorting
Letter "Batcher's Laset Re-Sort"	John	Konopka	9	4	7	Sorting
Letters "Bad Press and Still Unknown"	Jose	Betancourt	11	5	5	Sorting
The Challenge of Sorts	Dennis	Ruffer	11	3	24	Sorting
Contest of Sorts "The Results"	Dennis	Ruffer	11	6	29	Sorting
Combsort in Forth	Walter J.	Rottenkolber	13	4	6	Sorting
Letter "Megasort in Forth"	Dwight	Elvey	14	4	6	Sorting
Letter "Combsort Revisited"	Walter J.	Rottenkolber	14	4	6	Sorting
Voice of Victor 9000	Timothy	Huang	5	2	26	Sound
Letter "New SEARCH for (Z80) F83"	Martin	Guy	9	4	5	Source Code
Letters "Search Party"	Robert Lee	Hoffpauer	10	1	5	Source Code
Locating Forth Words	Gene	Thomas	10	1	8	Source Code
New Stack Tools	Peter	Verhoeff	13	4	13	Stacks
Letter "Amended Attribution and a Snap-able Stack"	Wil	Baden	15	4	6	Stacks
Letter "Standard Forth?"	Gary J.	Shannon	1	4	45	Standards
Continuing Dialog on Forth-79 Standard	Robert D.	Villwock	3	1	5	Standards
Letter "Standards"	Don	Latham	3	2	38	Standards
Forth Standards Corner	Robert L.	Smith	3	2	42	Standards
Letter "Standards"	K.G.	Busch	3	3	68	Standards
Forth Standards Corner	Robert L.	Smith	3	3	73	Standards
The Forth-79 Standard - A Tool Box?	George	Shaw	3	3	74	Standards
Forth Standard Corner "More words on WORD"	Robert L.	Smith	3	5	139	Standards
More Words About Word	Robert D.	Villwock	3	5	141	Standards
Forth Standards Corner	Robert L.	Smith	3	6	172	Standards
Letter "No Pint In Fixed Thinking"	Steven A.	Ruzinsky	4	6	3	Standards
Combining 79-Stnr Forth w/Existing Micros	John	Arkley	4	3	13	Standards
Towards a New Standard	Robert L.	Smith	4	2	2 19	Standards
FORTH - 83 Preview	John S.	James	4	1	1 29	Standards
Summary of Changes in Proposed Forth-83	Robert L.	Smith	4	5	5 29	Standards
Letter "On Curses and Communication"	James H.	Ramsay	5	5	5 3	Standards
Letter "Wanted: Lexi-Con Artist"	William B.	Judd	5	2	2 4	Standards
Forth-83 Standard	Robert L.	Smith	5	3	3 26	Standards
Forth-83: A Minority View	Glenn S.	Tenney	5	3	3 27	Standards
Letter "FIG Aficionado"	Edmund	Ramon	5	4	4 29	Standards
Letter "Code for All Seasons"	Jesse	Wright	5	4	4 29	Standards
Within WITHIN	Gary	Nemeth	5	5	5 31	Standards
Letter "Strong is Weak"	Ken	Takara	6	5	5 5	Standards
Letter "Standard Support"	John S.	James	6	1	1 6	Standards
Letter "More on WITHIN"	Rich	Leggit	6	1	1 6	Standards
Letter "Death Wish"	Nicholas	Pappas	6	5	5 7	Standards
Upgrading Forth-79 Programs	Robert	Berkey	6	3	3 26	Standards
Forth-83 Program to Run Forth-79 Code	Robert	Berkey	6	4	4 28	Standards
Letter "Questions Standard Procedure"	C. Kevin	McCabe	7	1	1 5	Standards
Letter "Standard Bearers"	Michael D.	Pollard	7	2	2 5	Standards
Letter "16-Bit Standard"	David N.	Williams	7	5	5 6	Standards
Letter "Words, Required & Controlled"	David	Nye	8	6	6 4	Standards
Letter "When New Becomes Obsolete"	Doug	Lurie	8	3	3 8	Standards
A Forth Standard?	Glen	Haydon	8	4	28	Standards
State of Standard	Marlin	Ouerson	8	6	34	Standards
Letter "FST Accepts Proposals"	Guy M.	Kelly	9	1	10	Standards
ANS Forth Meeting Notes	Jerry	Shifrin	9	5	16	Standards
ANS Forth Meeting Notes	Jerry	Shifrin	9	3	27	Standards
Letters "Open Letter to Standards Committee"	Gary	Chanson	10	1	5	Standards
Letters "ANS Process Offers Fairness"	James	Rash	10	2	5	Standards



ANS Forth Meeting Notes	Ray	Duncan	10	1	24	Standards
ANS Forth Required Words	John	Hayes	11	4	7	Standards
ANS Forth Hardware Independence	John	Hayes	11	6	23	Standards
Letters "Standards Notwithstanding"	Fred	Kloman	12	3	5	Standards
Letter "Open Letter to ANSI X3J14"	David	Petty	12	5	6	Standards
Letter "X3J14 Report"	Elizabeth	Rather	12	5	6	Standards
Letter "A Challenge to Standards Warriors"	Check	Eaker	14	4	5	Standards
The String Stack	Michael	Mccourt	3	4	121	Strings
F83 String Functions	Clifford	Kent	7	6	23	Strings
Letters "String Stack & F-PC"	Ron	Braithwaite	10	5	5	Strings
Using A String Stack	Ron	Braithwaite	10	3	15	Strings
Improved String Handling	Mike	Elola	10	1	15	Strings
Using A String Stack	Ron	Braithwaite	10	4	30	Strings
Letters "Null Strings, Count Too!"	J.D.	Huttley	11	5	6	Strings
Character Classification	Charles	Curley	15	3	6	Strings
Formatted Input Fields	Charles	Schaaf	15	1	7	Strings
Comma'd Output for Forth	Charles	Curley	15	5	34	Strings
Forth vs Assembly	Richard B.	Main	1	3	33	Style
Letter "Forth in the Public View"		Anonymous	2	1	20	Style
Letter "Technical Note"	Don	Colburn	3	1	8	Style
Letter "Reflections"	Don	Colburn	4	4	3	Style
Letter "Potpourri"	Glenn	Toennes	4	6	4	Style
Choosing Names	Henry	Laxen	4	4	33	Style
Why Novices Use So Many Variables	Mike	Ham	5	4	5	Style
Forth Froth	Wil	Baden	5	4	16	Style
Automatic Capitalization in Forth	Jeffrey B.	Lotspiech	6	1	20	Style
Letter "Tim Lee's Long names"	Tim	Lee	9	4	7	Style
Letters "Forth Style"	Nathaniel	Grossman	10	6	6	Style
Letters "Notes on Forth Style"	Bill	Kibler	10	5	7	Style
Seeing Forth	Jack	Woehr	11	5	28	Style
Ear Training	Glen	Haydon	12	5	24	Style
Letter "Wanted: Visible Forth"	Gus	Calabrese	14	5	5	Style
Letter "Visible Words & Ugly Complexity"	Mark	Martino	14	4	5	Style
On the Back Burner # 1 "Demonstrating Competency"	Russell	Hams	14	1	43	Style
On the Back Burner #2 "Sleeping with the Enemy"	Russell	Harris	14	2	43	Style
On the Back Burner #3 "The Fireman Syndrome"	Russell	Hams	14	3	43	Style
Readability Revisited	Garth	Wilson	15	6	20	Style
Letter "One Simple Syntax, Please"	Walter J.	Rottenkolber	14	5	5	Syntax
Styling Forth to Preserve the Expressiveness of C	Mike	Elola	14	4	29	Syntax
Forth in the Computer Toolbox	Mark	Bernstein	4	2	6	Tools
The FSAT Project	Jim	Schneider	15	2	9	Tools
UN*X Tools Used on the FSAT Project, Part 1	Jim	Schneider	15	3	9	Tools
UN*X Tools Used on the FSAT Project, Part 2	Jim	Schneider	15	4	32	Tools
Menu Words	John	Edgecombe	13	1	18	Tree Structures
Tutorial #3 "Numbers"	C.H.	Ting	14	6	18	Tutorial
Tutorial #2 "Placing Characters on the Screen"	C.H.	Ting	14	5	24	Tutorial
Tutorial # 1 "Character Graphics"	C.H.	Ting	14	4	28	Tutorial
Tutorial #5 "More on Numbers"	C.H.	Ting	15	2	24	Tutorial
Tutorial #6 "Terminal Input and Output"	C.H.	Ting	15	3	26	Tutorial
Tutorial #7 "Where Do You Go From Here?"	C.H.	Ting	15	4	26	Tutorial
Tutorial #4 "Calendars & The Game of Life"	C.H.	Ting	15	1	30	Tutorial
Letter "Another 1 4 2"	Wolf	Wejgaard 4	4	5	3	Variables
A Techniques Tutorial: Execution Vectors	Henry	Laxen 3	3	6	174	Vectored Execution
Dual-CFA Definitions, Part II	Mike	Elola 8	8	4	13	Vectored Execution
Dual-CFA Definitions, Part I	Mike	Elola 8	8	2	30	Vectored Execution
Letter "Starting Forth"	Winnie	Shows 3	3	3	69	Vendors
Letter "MMS Forth"	Vincent	Otten 3	3	3	70	Vendors
Letter "fullForth"	Francis	Chambers 3	3	5	135	Vendors
Letter "Process-Simulation"	Jeseph	Talavage 3	3	5	135	Vendors
Letter "Forth ROMs"	Martin	Schaaf 3	3	5	136	Vendors
Letter "Importing Announcement"	A.	Williams 4	4	5	3	Vendors
Letter "Charles Moore's New Venture"	Charles	Moore 4	4	3	4	Vendors
Letter "Appeal to Vendors"	Alan	Huth 5	5	6	3	Vendors
Evaluation	William F.	Ragsdale	7	1	8	Vendors
Letter "MMS Upgrade Offer"	A. Richard	Miller	8	4	10	Vendors
Letter "Anti-Vendor Bias?"	Jim	Callahan	13	4	5	Vendors
Letter "Respond and Apology"	Frank	Sergeant	14	2	5	Vendors
Letter "Vocabularies"	George	Shaw	2	6	177	Vocabularies
Letter "Minimum Kernel"	N.E.H.	Feilden	3	2	39	Vocabularies
Letter "Double Naming"	Bill	Miles	3	3	69	Vocabularies

Letter "2Constant and/or DConstant"	Glen	Haydon	4	4	3	Vocabularies
Fig-Forth Vocabulary Structure	Evan	Rosen	5	3	5	Vocabularies
Letter "Frequency Study"	James C.	Brakefield	5	6	12	Vocabularies
Vocabulary Tutorial, Part II	Evan	Rosen	5	4	14	Vocabularies
A More General ONLY	Paul	Condon	5	5	24	Vocabularies
F83 Word Usage	C.H.	Ting	7	4	12	Vocabularies
Not ONLY But ALSO	Bill	Stoddart	7	1	32	Vocabularies
Probabilistic Dictionaries	John S.	James	7	2	40	Vocabularies
Letter "Natural Word Usage"	James C.	Brakefield	8	4	5	Vocabularies
Letter "A Synonym for fig-Forth"	Gene	Thomas	8	1	5	Vocabularies
Letter "Invisible & Fairly Elegant: 32bit Forth"	J.E.	Thomas	8	1	5	Vocabularies
Letter "An Alias for Synonyms"	Mitch	Bradley	8	6	9	Vocabularies
Some Words about F83's Words	Timothy	Huang	10	3	26	Vocabularies
Dictionary Structures & Forth	Wu	gian	12	2	26	Vocabularies
One-Screen Virtual Dictionary	Gordon	Charlton	15	2	38	Vocabularies
On the Back Burner #7 "The King is Dead! Long Live the King!"	Russell	Harris	15	1	43	Vocabularies
GETB and OUTB	Hank	Wilkinson	14	6	7	Windows

### Forth Dimensions Index, Volumes 1 thru 15, 1978 thru 1994 by Author

Title	First	Last	Vol	Issue	Pg	Key
Letter "Variable Urges"	Bryn	Aash	5	6	34	Education
Forth needs three more Stacks	Ayman	Abu-Mostafa	11	1	27	Data Structures
Letters "Object Commentary"	Ayman	Abu-Mostafa	11	3	5	Objects
Letters "Stack Caveat Cured"	Ayman	Abu-Mostafa	11	4	5	Data Structures
Letter "Minor Errors"	R. Dudley	Ackerman	4	2	4	Errata
A Recursive Decompiler	R. Dudley	Ackerman	4	2	28	Recursion
Apple Forth a la Modem	R. Dudley	Ackerman	5	4	19	Communications
Variables for PROM-Based Programs	Richard	Altmus	9	4	12	Compilation
Letter "Temple Univ"	Karl V.	Amatneek	2	5	141	Chapters
Threaded Code		Anonymous	1	2	17	Compilation
Letter "Forth in the Public View"		Anonymous	2	1	20	Style
Letter "RPN Blues Revisited"		Anonymous	5	3	4	Education
Letter "Breakpoint Revisited"		Anonymous	5	4	3	Debugging
Interview - William F. Ragsdale		Anonymous	5	6	20	Interviews
Rochester Forth Conference 1985		Anonymous	7	2	38	Conferences
Moore Chats on CompuServe		Anonymous	8	1	25	Interviews
Candidates' Statements - FIG Board Nominees		Anonymous	9	2	40	FIG
Letter "Sorting Out Batcher's"	Allan	Anway	9	2	5	Sorting
More Screens for the Apple	Allen	Anway	6	1	22	Files
A Simple Translator: Tinycase	Allen	Anway	8	5	23	Control Structures
Perpetual Date Routine	Allen	Anway	9	1	34	Data Typing
Extended Byte Dump	Allen	Anway	11	1	8	Debugging
Letter "Manufacturing Elegance"	Ron	Apra	5	6	39	Education
Letter "Back to Recursion"	Ron	Apra	6	5	5	Recursion
Let's Keep It Simple	Ron	Apra	7	6	21	Education
Combining 79-Strnd Forth w/Existing Micros	John	Arkley	4	3	13	Standards
Letter "Model Behavior"	Mike	Armstrong	5	3	4	Compilation
Binary Table Search	David	Arnold	11	5	19	Searching
Letters "Macro Update"	David	Arnold	12	2	6	Compilation
Reliable 8086 Division	David	Arnold	12	4	5	Math
Letter "More Reliable 80x86 Division"	David	Arnold	12	5	5	Math
Letter "WITHIN Words"	Richard	Astle	9	1	5	Control Structures
Forth and the Rest of the (DOS) World	Richard	Astle	15	4	11	Operating Systems
Letter "Forget Automatically"	Philip	Bacon	9	2	5	Compilation
A High-Level Single Stepper	Philip	Bacon	10	6	15	Debugging
An Easy Directory System	Wil	Baden	5	3	11	Files
Forth Froth	Wil	Baden	5	4	16	Style
Quicksort and Swords	Wil	Baden	6	5	25	Sorting
Select, Ordered, Perform	Wil	Baden	8	1	22	Sorting
The Ultimate CASE Statement	Wil	Baden	8	5	29	Control Structures
Letter "Amended Attribution and a Snap-able Stack"	Wil	Baden	15	4	6	Stacks
Standalone Applications	James	Ball	10	4	15	Compilation
Letter "Kaypro User in Distress"	Alan	Barlow	6	2	6	Education
Letter "Of Extensions and Hotpatches . . ."	Michael	Barr	7	6	5	Debugging
Letter "Mods Quad Divides"	Michael	Barr	9	2	36	Math
Letters "Code for Local Variables"	Michael	Barr	10	1	6	Local Variables
The "To" Solution	Paul	Bartholdi	1	4	38	Data Structures
To Solution Continued ... Easter	Paul	Bartholdi	1	5	48	Data Structures

FORML XII	Neil	Bawd	12	6	20	Review
Letter "Compiler Security"	John W.	Baxter	3	3	71	Security
Letter "Forth for PET"	Edward B.	Beach	1	5	54	Benchmarks
Letter "6502 Bug Fixes"	Edward B.	Beach	3	1	8	Debugging
Letter "PET Forth"	Edward J.	Bechtel, M.D.	2	1	15	Benchmarks
Quadruple Word Simple Arithmetic	David A.	Beers	4	1	17	Math
Letter "Roving Reporter at Silicon Valley"	Doug	Bell	15	1	5	Chapters
Forth Mailbag	Dave	Bengel	1	1	6	Interest
Letter "NOT and LEAVE Background"	Robert	Berkey	6	1	5	Control Structures
Upgrading Forth-79 Programs	Robert	Berkey	6	3	26	Standards
Forth-83 Program to Run Forth-79 Code	Robert	Berkey	6	4	28	Standards
Positive-Divisor Floored Division	Robert	Berkey	12	1	14	Math
Forth in the Computer Toolbox	Mark	Bernstein	4	2	6	Tools
Letter "Name That Architecture..."	Jose	Betancourt	9	5	5	Architectures
Prefix Frame Operators	Jose	Betancourt	11	1	23	Local Variables
Letters "Bad Press and Still Unknown"	Jose	Betancourt	11	5	5	Sorting
Object-Oriented Forth	Roger	Bicknell	13	5	23	Objects
Double-Precision Math Words	L.H.	Bieman	5	1	16	Math
Letter "Passport for the STATE-less"	Paul	Bigelow	6	6	5	Compilation
Enclose Correction for 6502	Andy	Biggs	3	6	170	Debugging
Debugging From a Full-Screen Editor	Tom	Blakeslee	5	2	30	Debugging
Proposed CASE Statement for Forth	Karl	Bochert	2	3	50	Control Structures
CASE and Prod Constructs	Steve	Bochert	2	3	50	Control Structures
Letter "Benchmark Battles"	Allan	Bonadio	3	6	168	Benchmarks
Fast Fixed-Point Trig	Johann	Borenstein	8	1	14	Math
Letters "Outa' Space"	George	Boudreau	10	6	8	Overlays
Menu-Driven Software	John	Bowling	5	4	10	Data Acquisition
Letter "Freedom and Formatting"	Stephen B.	Bracker	4	3	4	Files
Letter "An Alias for Synonyms"	Mitch	Bradley	8	6	9	Vocabularies
Forth to the Future	Mitch	Bradley	9	1	17	Portability
Letter "Marketing vs Objectivity & Public Domain Glut"	Mitch	Bradley	13	5	5	FIG
Letter "On-Line Docs for fig-Forth"	Ron	Braithwaite	8	5	6	Documentation
Using A String Stack	Ron	Braithwaite	10	3	15	Strings
Using A String Stack	Ron	Braithwaite	10	4	30	Strings
Letters "String Stack & F-PC"	Ron	Braithwaite	10	5	5	Strings
Letter "Frequency Study"	James C.	Brakefield	5	6	12	Vocabularies
Letter "Natural Word Usage"	James C.	Brakefield	8	4	5	Vocabularies
Letter "Leaky Sieve"	Stephen	Braut	8	4	6	Benchmarks
The Point Editor	J. Brooks	Breedon	8	3	15	Editors
Matchpoint	J. Brooks	Breedon	9	3	12	CAI
Fractional Arithmetic	Leo	Brodie	4	1	13	Math
Quick Text Formatter, Part I	Leo	Brodie	4	3	16	Data Display
Quick Text Formatter, Part II	Leo	Brodie	4	4	21	Data Display
Add A Break Point Tool	Leo	Brodie	5	1	19	Debugging
Letter "Postfix flag-Waver"	Leo	Brodie	5	5	22	Control Structures
Letter "When NOT is Not 0 ="	Leo	Brodie	5	6	39	Control Structures
A CASE Statement	Mike	Brothers	2	3	56	Control Structures
Letter "Pipe Dreams"	Christopher	Browne	15	4	5	Feedback to FD
Development of A Dump Utility	John	Bumgarner	2	6	170	Debugging
Fixed-Point Trig by Derivation	John	Bumgarner	4	1	7	Math
JForth	Phil	Burk	14	1	14	Forths
Letter "Product Review?"	Glenn A.	Burklund	3	2	65	Review
Increasing fig-Forth Disk Access Speed	Michael	Burton	3	2	53	Files
Music Generation in Forth	Michael	Burton	3	2	54	Applications
The Game of Reverse	Michael	Burton	3	5	152	Games
Letter "Standards"	K.G.	Busch	3	3	68	Standards
A Video Version of Master Mind	David	Butler	3	5	158	Games
Letter "Pushing Frontiers"	Ken	Butterfield	4	3	3	Math
Letter "Mixed INTEGER Review; Consistency Constnt"	Ken	Butterfield	6	4	6	Compilation
Letter "Wanted: Visible Forth"	Gus	Calabrese	14	5	5	Style
Letter "Another Vote for natOOF"	Gus	Calabrese	15	4	41	Objects
Letter "Anti-Vendor Bias?"	Jim	Callahan	13	4	5	Vendors
Letter "Threading a Memory Waste"	Jim	Callahan	14	2	5	Forths
Letter "Keeping Time"	Perr	Cardestam	6	1	7	Interest
Linear Automata	Andreas	Carl	10	2	23	Algorithms
Letter "Timin-Forth"	Everett	Carter	3	5	136	Review
Corrections to Metaforth	John J.	Cassady	3	2	41	Debugging
Letter "Minnesota Chapter"	John J.	Cassady	3	6	169	Chapters
8080 Assembler	John J.	Cassady	3	6	180	Assemblers
Eaker's CASE for 8080	John J.	Cassady	3	6	187	Control Structures

Letters "Language of Choice"	Phil	Chadwick	12	3	5	Forth Promotion
Letter "fullForth"	Francis	Chambers	3	5	135	Vendors
Letter "PET Forth"	Neal	Champion	1	4	45	Benchmarks
Letter "6800 fig-Forth"	Neal	Champion	2	6	175	Interest
Letters "Open Letter to Standards Committee"	Gary	Chanson	10	1	1 5	Standards
Smart RAM	Rob	Chapman	12	3	3 28	Memory
Letter "QuickFind Addendum"	Rob	Chapman	13	5	5 15	Searching
QuickFind String Search	Rob	Chapmen	13	4	4 21	Searching
Letter "FIG U.K. Enters Second Decade"	Gordon	Charlton	13	2	2 31	Chapters
Letter "U.K. Contest Winners"	Gordon	Charlton	13	3	3 30	FIG
One-Screen Unified control Structure	Gordon	Charlton	14	6	6 9	Control Structures
One-Screen Virtual Dictionary	Gordon	Charlton	15	2	2 38	Vocabularies
Rational Numbers, Vulgar Words	Gordon	Charlton	15	5	5 7	Numbers
In-Word Parameter Words	Sam Suan	Chen	6	6	6 9	Compilation
A Forth Based Micro-Sized Micro Assembler	Gregory E.	Cholmondeley	3	4	126	Assemblers
Complex Analysis in Forth	Alfred	Clark, Jr.	3	4	125	Math
Letter "More Good Results with Forth"	Ivan	Coelho	15	3	5	Marketing Forth
Letter "Technical Note"	Don	Colburn	3	1	8	Style
Letter "Reflections"	Don	Colburn	4	4	3	Style
Letter "Antecedent Sieve"	Don	Colburn	8	6	31	Benchmarks
A Stack Diagram Utility	Barry A.	Cole	3	1	23	Data Structures
Letter "Standardized Subsets"	Roger	Cole	3	5	136	Interest
Letters "On-Line Down Under"	Lance	Collins	11	3	37	Chapters
Letter "8080 Conditions"	Paul	Condon	5	3	29	Assemblers
A More General ONLY	Paul	Condon	5	5	24	Vocabularies
Letters "Conditional-Stack Caveat"	Paul	Condon	11	3	5	Data Structures
Interfacing to Extended Memory	Jesus	Consuegra	14	2	6	Memory
The Visible Virtual Machine	Ellis	Cooper	15	5	17	Dev Environment
Dumping Wordstar Files	Paul	Cooper	9	6	13	Data Conversion
Menu-Driving the 8250 Async Chip	Paul	Cooper	10	4	22	Communications
Simple Screen Directory	Devid	Cornell	10	4	8	OS
Letter "Closer Approximations"	Robert T.	Corry	4	4	4	Math
Letters "Case Counter"	Wes	Cowley	11	3	6	Control Structures
Poem - The Mirth Dimension	Wayne	Cox	7	2	37	Poem
8080 fig-Forth in ROM	Ted	Croal	4	4	16	ROM
Technotes - +BUF BUG	David	Cromley	4	6	25	Debugging
Expert System Toolkit	Marcos	Cruz	11	2	23	Control Structures
Optimization Considerations	Charles	Curley	14	5	6	Optimization
Optimizing in BSR/JSR-Threaded Forth	Charles	Curley	14	6	21	Optimization
Book Review: "Forth: The New Model"	Charles	Curley	15	1	27	Book Review
An HP Laserjet/Deskjet Driver	Charles	Curley	15	2	28	I/O Drivers
Character Classification	Charles	Curley	15	3	6	Strings
Comma'd Output for Forth	Charles	Curley	15	5	34	Strings
A Line Editor and History Function	Charles	Curley	15	6	10	Editor
Letter "Catch & Throw"	Doug	Currie	12	5	5	Control Structures
Balanced Tree Deletion in FASL	Douglas H.	Currie, Jr.	2	4	96	Searching
Letter "Forth in its Own Write"	J.T.	Currie, Jr.	3	6	168	Interest
Object-Oriented Forth	Markus	Dahm	14	1	16	Objects
Towards Natural Language Programming	Markus	Dahm	15	2	17	Objects
Letter "Structured Variables"	W.H.	Dailey	2	1	19	Data Structures
FIG Convention	S.H.	Daniel	2	5	139	Conferences
The Forth, Inc. Line Editor	S.H.	Daniel	3	3	80	Editors
Letters "Fractals, Windows, and 64K"	David J.	Dartnall	10	1	5	Fractals
Headless Local Variables and Constants	John	Daugherty	10	1	19	Local Variables
Letter "Student Roots"	R.L.	Davies	8	4	8	Math
Letter "Terminal TI"	Glenn	Davis	8	3	9	Communications
Letters "Don't Chip Off the Old Block"	Pierluigi	De Rosa	9	5	5	Files
Letter "Run DOS Files in F83"	Richard	de Rozario	9	3	6	Compilation
Integer Date Calculations	Richard	de Rozario	15	1	25	Math
Letter "Apologies"	Dan	del Vecchio	1	4	44	Interest
Letter "Ile Solutions"	Luis de la Cerda	Delpin	13	4	10	Forths
A Forth Based File Handling System	Dr. Donald	Delwood	4	3	8	Files
Letter "Errors"	Robert	Demrow	3	2	36	Errata
Letter "Bugs"	Robert	Demrow	3	5	135	Debugging
Temporal Aspects of the Forth Language	John M.	Derick	2	2	23	Education
Letter "Dreaming That It's Forth"	John G.	Derrickson	13	2	5	Forth
Letter "Belgian FIG"	Michel	Dessaintes	3	2	36	Chapters
Letter "Smell the Earth, Hear the Seagulls"	Glen	Dixon	15	1	5	Forth Promotion
Mailboxes	R.W.	Dobbins	7	4	25	Multitasking
Letters "No Provisions.."	Thomas	Donaldson	12	1	6	Interest

More on Data Bases	Lindsay	Doyle	5	1	27	Data Base
The R65F11 Forth Chip	Randy	Dumse	5	2	25	Hardware
Letter "Product Review?"	Ray	Duncan	3	3	68	Review
Letter "Benchmark Ballyhoo	Ray	Duncan	4	1	1	Benchmarks
A Simple Multi-Tasker	Ray	Duncan	5	2	20	Multitasking
ANS Forth Meeting Notes	Ray	Duncan	10	1	24	Standards
Letter "More Reliable 80x86 Division"	Ray	Duncan	12	5	5	Math
Letter "Optimizer Concern Misplaced"	Ray	Duncan	14	2	5	Forths
Letter "Julian Date"	Peter B.	Dunckel	3	5	137	Algorithms
Relocatable F83 for the 68000	Robert	Eager	9	6	20	Memory
Just in CASE	Charles E.	Eaker	2	3	37	Control Structures
Letter "A Challenge to Standards Warriors"	Check	Eaker	14	4	5	Standards
Letter "Go Ahead - Trust the Compiler!"	John	Edgecombe	13	1	5	Forth
Menu Words	John	Edgecombe	13	1	18	Tree Structures
What is the Forth Interest Group		Editor	1	1	1	Education
CASE Contest Announced		Editor	1	5	47	Control Structures
Installation Reports - fig-Forth		Editor	1	5	53	Interest
CASE Contest Closes		Editor	2	3	36	Control Structures
A Roundtable on Recursion		Editor	3	6	179	Recursion
Banking on the R65F11	D.C.	Edwards	12	1	23	Hardware
Letters "Objects are Harmonious"	Dave	Edwards	11	1	5	Objects
Time-Statement Lexicon	Dave	Edwards	11	3	7	Applications
Word Indexer	Mike	Elola	7	4	10	Debugging
Dual-CFA Definitions, Part I	Mike	Elola	8	2	30	Vectored Execution
Dual-CFA Definitions, Part 11	Mike	Elola	8	4	13	Vectored Execution
Improved String Handling	Mike	Elola	10	1	15	Strings
Designing Data Structures, Part I	Mike	Elola	10	2	12	Data Structures
Designing Data Structures, Part II	Mike	Elola	10	3	31	Data Structures
Designing Data Structures, Part III	Mike	Elola	10	4	26	Data Structures
Designing Data Structures, Part IV	Mike	Elola	10	5	19	Objects
Letters "Curious About Code With Class"	Mike	Elola	11	2	5	Objects
In Search of a Better Number Input Routine	Mike	Elola	11	4	36	Data Acquisition
Letters "Forth-and-Back"	Mike	Elola	12	1	7	Compilation
Fast FORTHward	Mike	Elola	14	1	38	Forth Promotion
Fast FORTHward	Mike	Elola	14	2	32	Forth Promotion
Fast FORTHward	Mike	Elola	14	3	30	Forth Promotion
Fast FORTHward	Mike	Elola	14	4	26	Forth Promotion
Styling Forth to Preserve the Expressiveness of C	Mike	Elola	14	4	29	Syntax
Fast FORTHward	Mike	Elola	14	5	36	Forth Promotion
Fast FORTHward	Mike	Elola	14	6	39	Forth Promotion
Fast FORTHward	Mike	Elola	15	1	36	Forth Promotion
Fast FORTHward	Mike	Elola	15	2	36	Forth Promotion
Fast FORTHward "The Point of No Return"	Mike	Elola	15	3	31	Forth Promotion
Fast FORTHward "Preparing a Press Release"	Mike	Elola	15	4	42	Forth Promotion
Fast FORTHward	Mike	Elola	15	5	42	Forth Promotion
Fast FORTHward	Mike	Elola	15	6	42	Forth Promotion
Letter "Megasort in Forth"	Dwight	Elvey	14	4	6	Sorting
DO-CASE Statement	Dwight K.	Elvey	2	4	58	Control Structures
Letter "TO Variable"	William S.	Emery	2	1	19	Compilation
A CASE Implementation	William S.	Emery	2	3	60	Control Structures
Simple Data Transfer Protocol	Keith	Ericson	6	2	32	Communications
Letter "Division Floors Him"	Zafar	Essak, M.D.	7	2	9	Math
Letter "Multiply, Divide and Conquer"	Zafar	Essak, M.D.	7	4	5	Math
Letter "No Commerce, No Forth"	Charles	Esson	14	1	5	Forth Promotion
Letter "Editors"	Glenn	Farnsworth	2	6	177	Editors
Letter "8080 fig-Forth"	M. Paul	Farr	2	1	17	Interest
Letter "Correction to FEDIT"	Edgar	Fay	3	5	142	Debugging
Letter "Coding for Dollars, and Wanted: Slow Edtr"	Henry J.	Fay	6	4	5	Education
Letter "Hore Today, EXITed Tomorrow"	Henry J.	Fay	7	2	5	Control Structures
Letter "Forth Can Flex"	Wilson M.	Federici	7	5	5	Hardware
Letter "Brodie Cartoons"	Jim	Fegen	3	3	69	FIG
Standardized Micro OS Interface?	Gary	Feierbach	4	3	6	OS
Letter "Minimum Kernel"	N.E.H.	Feilden	3	2	39	Vocabularies
Letter "Z-80 fig-Forth"	Kalman	Fejes	2	1	18	Interest
Floating Point on the TRS-80	Kalman	Fejes	3	6	184	Floating-Point
Improved Forth-83 DO LOOP	Dennis L.	Feucht	7	3	28	Control Structures
Letter	Edgar H.	Fey	2	5	134	Errata
Letter "Editors"	Edgar H.	Fey	2	5	142	Editors
Correction to FEDIT	Edgar H.	Fey	3	4	107	Editors
Generalized CASE Structure in Forth	Edgar H.	Fey	3	6	190	Control Structures

Apple - 4th CASE	Elmer W.	Fittery	2	3	62	Control Structures
A PICTURE Worth a 1000 Words	Elmer W.	Fittery	4	5	19	Graphics
Letter "Imagine, If You Will . . ."	John	Forsberg	5	2	3	Interest
Forth and the University	Lawrence P.	Forsley	3	4	101	Education
Forth in Laser Fusion	Lawrence P.	Forsley	3	4	102	Applications
Letter "Reviews from Rochester"	Lawrence P.	Forsley	6	2	7	Conferences
8250 Uart Revisited	Brian	Fox	11	1	30	Communications
Letter "Yes On Operating Systems"	Nick	Francesco	4	6	3	Files
WALK' on Bugs	David	Franske	7	5	16	Debugging
The Visible Forth	Rich	Franzen	9	3	18	Decompiling
CORDIC Algorithm Revisited	Dave	Freese	5	3	24	Math
Letter "CQ...CQ..."	Glen A.	Fuller	5	6	34	Applications
The Cordic Algorithm for Fixed-Point Polar Geometry	Alan	Furman	4	1	14	Math
Letter "Cordic Erratum"	Alan	Furman	4	3	3	Errata
Module Management	Alan	Furman	9	5	9	Compilation
Letters "Superstacks"	Robert	Garian	10	4	5	Data Structures
Eggs, Ovals Easy	Robert	Garian	11	2	6	Graphics
Letter "Cleaner Stepper Driver"	Wendall C.	Gates	4	4	5	Applications
Letter "A New Calendar"	Wendall C.	Gates	5	6	12	Algorithms
Interactive Editing	Wendall C.	Gates	6	1	24	Editors
ANDIF and ANDWHILE	Wendall C.	Gates	6	4	33	Control Structures
6502 and 6809 Absolute Branches	George	Gaukel	5	2	27	Control Structures
Letter "MMS Forth Users Group"	Jim	Gerow	3	3	68	Chapters
DO-CASE Extensions	Bob	Giles	2	3	64	Control Structures
Letter "Case"	Bob	Giles	2	4	108	Control Structures
The Curley Control Structure Set	Kourtis	Giorgio	14	1	23	Control Structures
The Curly Control Structure Set	Kourtis	Giorgio	13	6	22	Control Structures
Functional Programming and Forth	Harvey	Glass	3	5	137	Forth
Letter "DEA- CHU-"	Arthur	Goldberg	3	5	135	Compilation
Designing Software-controlled Devices	Carol	Goldsmith	14	1	12	Embedded Systems
An Augmented TRACE	Andreas	Goppold	6	5	18	Debugging
Graphic Graphics	Bob	Gotsch	3	6	L86	Graphics
The Art of Recursion	Bob	Gotsch	4	2	24	Recursion
The Sheer Joy of Clipping Recursively	Bob	Gotsch	4	3	21	Graphics
Interactive Computer Graphics for Art and Design	Bob	Gotsch	5	1	3	Graphics
NOVA Bugs	John K.	Gotwals	3	6	172	Debugging
Letter "Chapter Demonstrations"	J. Arthur	Graham	2	6	175	Chapters
DO ... WHEN ... LOOP Construct	R.W.	Gray	5	6	27	Control Structures
Yerk Comes to the PC	Rick	Grehan	13	5	6	Objects
A Single-Step Degugger	Rick	Grehan	14	1	6	Debugging
Sparse Matrices	Rick	Grehan	15	4	7	Data Structures
Fixed-Point Logarithms	Nathaniel	Grossman	5	5	11	Math
Fixed-Point Square Roots in Forth	Nathaniel	Grossman	5	6	28	Math
Long Divisors and Short Fractions	Nathaniel	Grossman	6	3	10	Math
Monte Carlo Factorizer	Nathaniel	Grossman	6	6	25	Math
Letter "Missing Mathquiz"	Nathaniel	Grossman	7	2	7	Math
Fast Evaluation of Polynomials	Nathaniel	Grossman	7	5	27	Math
Tracking the Beast	Nathaniel	Grossman	8	5	15	Games
7,776 Limericks	Nathaniel	Grossman	8	6	28	Games
Letters "Forth Style"	Nathaniel	Grossman	10	6	6	Style
Fibonacci Random Number Generator	Nathaniel	Grossman	11	4	10	Math
Letter "OSI fig-Forth"	Guy T.	Grotke	2	5	140	Interest
Transfer of Forth Screens By Modem	Guy T.	Grotke	3	5	162	Communications
Another Generation of Mistakes?	Roger L.	Gulbranson	1	5	52	Hardware
Letter "6809 Forth"	A. R	Gunion	3	2	37	Errata
Letter "New SEARCH for (Z80) F83"	Martin	Guy	9	4	5	Source Code
Recursion of the Forth Kind	Michael	Gwilliam	5	5	28	Recursion
Universal Control Structures	Kevin	Haddock	13	3	9	Control Structures
Forth in Business Applications - A Panel Discussion.	John	Hall	4	5	4	Applications
Chapter News	John	Hall	4	5	37	Chapters
Chapter News	John	Hall	4	6	29	Chapters
Chapter News	John	Hall	5	1	40	Chapters
Chapter News	John	Hall	5	2	35	Chapters
Chapter News	John	Hall	5	3	34	Chapters
Chapter News	John	Hall	5	4	31	Chapters
Chapter News	John	Hall	5	5	38	Chapters
Presidents Letter	John	Hall	12	6	5	FIG
Presidents Letter	John	Hall	13	1	6	FIG
Presidents Letter	John	Hall	13	2	32	FIG
Presidents Letter	John	Hall	13	3	23	FIG

Presidents Letter	John	Hall	13	4	26	FIG
Letter "Hardware"	Jack	Haller	3	2	37	Errata
Technotes - 6502's U/BUG	Jack	Haller	4	2	30	Errata
Why Novices Use So Many Variables	Mike	Ham	5	4	5	Style
A Paradigm for Data Input	Mike	Ham	5	5	19	Data Acquisition
Think Like a User, Write Like a Fox	Mike	Ham	6	3	23	Data Acquisition
Recursion	Mike	Ham	6	4	19	Recursion
Wordwrapping Tool	Mike	Ham	7	4	8	Data Display
Making Numbers Pretty	Mike	Ham	7	5	7	Data Display
The Mov.. Cursor Writes And,Having Writ,Moves On	Mike	Ham	7	6	10	Data Display
Starting Forth Inc - Interview w/Elizabeth Rather	Mike	Ham	9	1	27	Interviews
Starflight, Star Bright - Interview with Tim Lee	Mike	Ham	9	2	29	Interviews
Interview "Palo Alto Shipping Co."	Mike	Ham	9	4	17	Interviews
Profiles in Forth: John D. Hall	Mike	Ham	9	5	31	Interviews
Profiles in Forth: Martin Tracy	Mike	Ham	9	6	31	Interviews
Self-Checking Numbers	Mike	Ham	10	5	9	Algorithms
Letters "Local Variables"	Henning	Hansen	9	5	5	Local Variables
Letters "Student's Forth"	Henning	Hansen	10	4	6	Education
Letters "Local Variables Revisited"	Henning	Hansen	10	5	5	Local Variables
Letter "The Minimal Nucleus"	David W.	Harralson	5	5	4	Compilation
Faster Dictionary Searches	David W.	Harralson	5	6	14	Searching
Forth Control Structures	David W.	Harralson	6	2	20	Control Structures
CASE Conversion in KEY	David W.	Harralson	8	1	21	Data Acquisition
Extensibility With Forth	Kim	Harris	1	2	13	Compilation
D-Charts	Kim	Harris	1	3	30	Documentation
Some New Editor Extensions	Kim	Harris	2	6	156	Editors
Programming Aids & Utilities	Kim	Harris	3	1	10	Debugging
D-Charts	Kim	Harris	1	3	30	Documentation
Some New Editor Extensions	Kim	Harris	2	6	156	Editors
Programming Aids & Utilities	Kim	Harris	3	1	10	Debugging
Source Screen Documentation Tool	Kim	Harris	4	2	23	Documentation
Forth Applications Conference	Kim	Harris	5	2	31	Conferences
An Approach to Reading Programs	Kim	Harris	7	3	34	Debugging
On the Back Burner # 1 "Demonstrating Competency"	Russell	Harris	14	1	43	Style
On the Back Burner #2 "Sleeping with the Enemy"	Russell	Harris	14	2	43	Style
On the Back Burner #3 "The Fireman Syndrome"	Russell	Harris	14	3	43	Style
On the Back Burner #4 "Some Assembly Required..."	Russell	Harris	14	4	38	Embedded Systems
On the Back Burner #5 "A Lesson in Economics"	Russell	Harris	14	5	43	Embedded Systems
On the Back Burner #6 "Transcendental Compilation"	Russell	Harris	14	6	42	Compilation
On the Back Burner #7 "The King is Dead! Long Live the King!"	Russell	Harris	15	1	43	Vocabularies
On the Back Burner #8 "Dead Reckoning"	Russell	Harris	15	2	43	Pointers
On the Back Burner #9 "Who's on First?"	Russell	Harris	15	3	39	Compilers
Vectored Execution & A Full-Screen Editor	Richard	Haskell	9	5	24	Data Structures
Letters "Fast Thousand' Seems Slow"	Marc	Hawley	12	1	5	Benchmarks
Multiple While Solution	Julian	Hayden	3	3	72	Control Structures
Elements of a Forth Data Base Design	Glen	Haydon	3	2	45	Data Base
Letter "2Constant and/or DConstant"	Glen	Haydon	4	4	3	Vocabularies
The Multi-Dimensions of Forth	Glen	Haydon	8	3	32	Philosophy
A Forth Standard?	Glen	Haydon	8	4	28	Standards
A Free Spirit: Where to From Here?	Glen	Haydon	9	5	7	Education
Letters "And NEXT, in No Time at all"	Glen	Haydon	10	1	6	Interpreters
WISC and the Forth Dilemma	Glen	Haydon	10	3	12	Forth Promotion
Formatting Source code	Glen	Haydon	10	6	10	Data Typing
Serial Day Compression	Glen	Haydon	10	6	11	Algorithms
Letters "Serial Dates for FPC"	Glen	Haydon	11	1	5	Algorithms
Ear Training	Glen	Haydon	12	5	24	Style
Another Forth-83 LEAVE	John	Hayes	7	1	36	Control Structures
Local Variables - Another Technique	John	Hayes	11	1	18	Local Variables
ANS Forth Required Words	John	Hayes	11	4	7	Standards
SC32: a 32-bit Forth Engine	John	Hayes	11	6	10	Hardware
ANS Forth Hardware Independence	John	Hayes	11	6	23	Standards
Interactive Control Structures	John	Hayes	12	2	28	Control Structures
Letter "Infecting the Mumps"	Henry G.	Heffernan	4	3	3	Languages
Code and Colon Compatibility	David	Held	5	3	23	Compilation
Letter "Errata"	David	Held	5	5	22	Errata
Letter "Readability"	David	Held	5	6	38	Education
File Naming System	Peter H.	Helmers	2	2	29	Files
Letter "Data Acquisition"	Peter H.	Helmers	2	2	33	Files
The CASE, SEL, and COND Structures	Peter H.	Helmers	2	4	116	Control Structures
Userstack	Peter H.	Helmers	3	1	20	Data Structures

Implementing Forth Based Microcomputers at URM	Peter H.	Helmert	3	4	105	Applications
Implementing Forth Based Microcomputers at URM	T.	Hendtlass	11	5	17	Multitasking
Multitasking & Controlling Regular Events	Tim	Hendtlass	13	2	9	Neural Nets
Neural Network Words (Part 1)	Tim	Hendtlass	14	4	8	Interrupts
A Hardware Interrupt Handler	Tim	Hendtlass	14	6	27	Math
Math- Who Needs It?	Tim	Hendtlass	15	5	21	Math
I Needed It: Mini-Math	Robert H.	Hertel	4	4	9	ROM
ROMable Forth With Separate Headers	Lionel	Hewett	6	5	6	Education
Letter "Grass-Roots Forth"		HEX	3	1	12	Cartoon
"DC 10"		HEX	3	2	44	Cartoon
"BEGIN COFFEE AWAKE UNTIL"		HEX	3	3	96	Cartoon
"BASE"		HEX	3	4	133	Cartoon
"Vacation"		HEX	3	5	157	Cartoon
"Plantanos"	Donald	Hicks	12	1	6	Interest
Letters "...But Not a Wasteland"	Norman L.	Hills	5	6	16	Decompiling
Recursive Decompiler	Norman L.	Hills	6	2	7	Errata
Letter "Minus a Plus"	Norman L.	Hills	8	6	4	Control Structures
Letter "Test Your Assertions"	Tim	Hindtlass	13	3	17	Neural Nets
Neural Network Words (Part 2)	J.B.	Ho	11	4	16	Control Structures
Forth in Optimal Control	Doneil	Hoekman	7	5	25	Data Structures
A Universal Stack Word	Robert Lee	Hoffpauer	9	2	8	Searching
Letter "Searching for F83"	Robert Lee	Hoffpauer	10	1	5	Source Code
Letters "Search Party"	Robert Lee	Hoffpauer	10	6	6	Interviews
Letters "More on Behalf of Wm. Shkspr.:"	Calle	Hogard	3	2	39	Chapters
Letter "Europe"	Michael	Hore	6	6	18	Control Structures
Enhanced DO LOOP	Michael	Hore	7	1	5	Data Acquisition
Letter "Capital Idea"	Michael	Hore	7	3	5	Memory
Letter "Addressing the Marketplace"	Michael	Hore	9	2	12	Data Structures
Forgettable Internal Names	Rick	Hoselton	10	2	15	Objects
Object-Oriented Forth	John	Howard	11	2	5	Libraries
Letters "Wish List"	Timothy	Huang	3	3	69	Graphics
Letter "Graphics"	Timothy	Huang	3	5	156	Graphics
Simulated Tektronics 4010 Graphics With Forth	Timothy	Huang	3	6	183	Files
Diagnostics on Disk Buffers	Timothy	Huang	4	6	25	Data Structures
Technotes - Bit Array and Manipulations	Timothy	Huang	5	2	26	Sound
Voice of Victor 9000	Timothy	Huang	5	3	19	Compilation
In-word Parameter Passing	Timothy	Huang	10	3	26	Vocabularies
Some Words about F83's Words	Alan	Huth	5	6	3	Vendors
Letter "Appeal to Vendors"	J.D.	Huttley	3	1	2	Interest
Letter "Thanks"	J.D.	Huttley	11	5	6	Strings
Letters "Null Strings, Count Too!"	Douglas	Hvistendahl	10	5	5	Data Structures
Letters "Lavel Types for Faster Debugging"	Glen F.	Ingle	13	3	37	Forths
Letter "Answer to a Dream"	Toshio	Inoue	4	2	3	Chapters
Letter "Making It In Japan"	John W.	Irwin	5	3	14	Files
A RAMdisk for 8086/8088 Fig-Forth	Michael	Jaegerman	7	4	6	Control Structures
Letter "A CASE of Pairs"	David L.	Jaffe	6	2	28	Applications
Forth in Rehabilitation Applications	G.R.	Jaffray	9	2	25	Security
Execution Security	G.R.	Jaffray	9	6	5	Data Structures
Letters "Security Breach"	John S.	James	1	1	5	Applications
Forth Learns German	John S.	James	1	2	15	Applications
German Revisited	John S.	James	2	6	165	Searching
Search	John S.	James	3	1	9	Searching
Correction on Search	John S.	James	4	1	6	Math
Fixed-Point Trig by Table-Lookup	John S.	James	4	1	29	Standards
FORTH - 83 Preview	John S.	James	4	3	5	OS
Fort - A Forth-Based Operating System	John S.	James	6	1	6	Standards
Letter "Standard Support"	John S.	James	6	5	13	Communications
Simple Modem I/O Words	John S.	James	7	1	10	Sorting
Generic Sort	John S.	James	7	2	40	Vocabularies
Probabilistic Dictionaries	John S.	James	7	3	7	Files
Universal Text File Reader	John S.	James	7	4	38	Libraries
Forth Component Libraries	John S.	James	7	5	23	Data Structures
Code Modules and Data Structures	John S.	James	8	1	8	Interrupts
Interrupt-Driven Serial Input	John S.	James	8	2	9	Communications
XMODEM Tutorial	Stephen	James	7	4	28	Graphics
Atari Painting Forth	Michaw	Jesch	4	1	23	Floating-Point
Floating Point FORTH?	Darrel	Johansen	9	1	36	Compilation
Headless Compiler	Darrel	Johansen	10	3	7	Data Structures
Shadow Stacks & Double-Precision Numbers	Darrel	Johansen	10	4	6	Data Structures
Letters "Shadow Stacks Get Smart"	Robert	Johnsen	4	5	3	Control Structures
Letter "Don't Leave FIG's Hanging"						



Tracer for Colon Definitions	Rieks	Joosten	5	2	17	Debugging
Letter "Wanted: Lexi-Con Artist"	William B.	Judd	5	2	4	Standards
Letter "Tutorial Articles"	Thomas	Kastner	3	5	136	Compilation
Entry, FIG CASE Contest	Arie	Kattenberg	2	3	68	Control Structures
A High Level Interrupt Handler in Forth	R. L.	Keck	3	4	116	Interrupts
Forth Systems Comparisons	Guy M.	Kelly	13	6	6	Forths
Letter "FST Accepts Proposals"	Guy M.	Kelly	9	1	10	Standards
Letter "Kelly's Comparisons Clarified"	Guy M.	Kelly	14	6	16	Forths
Using Registers in Data Stacks	Don	Kenney	10	4	19	Compilation
Letter "Paging through RAM with CREATE ...DOES>"	Don	Kenney	14	3	5	Compilation
Letter "Forth's Real Problem"	Don	Kenney	15	4	5	Marketing Forth
Forth in Search of a Job	Donald	Kenney	15	1	24	Marketing Forth
F83 String Functions	Clifford	Kent	7	6	23	Strings
Letter "Color Forth"	Gobind Singh	Khalsa	6	6	6	Forths
Educating Forth Users	Bill	Kibler	9	6	27	Education
Letters "Notes on Forth Style"	Bill	Kibler	10	5	7	Style
Kitt Peak GODO Construct	Dave	Kilbridge	2	3	89	Control Structures
Forgiving Forget	Dave	Kilbridge	2	6	154	Compilation
Classes in Forth	Vince D.	Kimball	8	5	24	Objects
Letter "Swift 6502 Multi-Tasking"	Dale	King	9	2	8	Multitasking
Soviet Forth-Info	David	Kipping	12	6	11	Chapters
Letters "Standards Notwithstanding"	Fred	Kloman	12	3	5	Standards
Skewed Sectors for CP/M	Roger D.	Knapp	3	6	182	OS
Letter "C Saws, Frogs, and Princesses"	Sid	Knox	15	2	8	FIG
A Generalized Loop Construct for Forth	Bruce	Komusin	2	2	26	Control Structures
Forth Source Formatter	John	Konopka	8	2	27	Data Display
Batcher's Sort	John	Konopka	8	4	39	Sorting
Letter "Batcher's Laset Re-Sort"	John	Konopka	9	4	7	Sorting
Redefining Words	Philip	Koopman	7	4	36	Debugging
Letter "Public-Domain Floating Point"	Philip	Koopman	8	2	5	Floating-Point
The Bresenham Line-Drawing Algorithm	Philip	Koopman	8	6	12	Graphics
Fractal Landscapes	Philip	Koopman	9	1	12	Fractals
Transcendental Functions	Philip	Koopman	9	4	21	Data Typing
Design Tradeoffs in Stack Computers	Philip	Koopman	11	6	5	Data Structures
Embedded Control: Path to Forth Acceptance	Philip	Koopman	12	1	35	Forth Promotion
Testing Toolkit	Philip	Koopman	12	3	31	Debugging
Letter "Membership Hostage: Funds for Figures"	Philip	Koopman	13	2	5	FIG
Stack Variables	Giorgio	Kourtis	12	1	18	Data Structures
Letters "Poly-Lingual FIG?"	Giorgio	Kourtis	12	2	5	FIG
Letter "6800 Bug Fixes"	Toby L.	Kraft	3	1	7	Debugging
Letter "fig-Forth 79"	Horst G.	Kroker	5	3	4	Control Structures
Letter "Tools"	Dave	Kuhlman	5	2	4	Debugging
A Recursion Technique	Christoph P.	Kukulies	3	6	179	Recursion
Letters "He Wants a New View"	Ken	Kupisz	12	3	6	Debugging
Forth: Cheaper Than Hardware	Peter J.	Lagergren	5	2	13	Debugging
Letter "One-Screen Full-Screen Editor"	Mike	Lake	13	3	33	Editors
Letter "A Tale of Recursion"	Denis	Lambert	8	5	5	Recursion
Technotes - U/Bug Fumigated	K.G.	Lander	5	1	35	Debugging
Quaternion Rotation Calculation	Antonio	Lara-Feria	11	3	11	Math
Letter "Helpful Documentation"	Dannis A.	Larder	4	5	3	Documentation
Letter "Obstructing Knowledge?"	Chuck	Larrieu	6	1	6	Education
Letter "Standards"	Don	Latham	3	2	38	Standards
Letter "A Cure is in Sight"	David H.	Lawson	6	3	5	Interest
Programming Hints	Henry	Laxen	2	6	168	Debugging
A Technical Tutorial: Table Lookup Examples	Henry	Laxen	3	5	151	Data Structures
A Techniques Tutorial: Execution Vectors	Henry	Laxen	3	6	174	Vectored Execution
Defining Words	Henry	Laxen	4	1	4	Data Structures
Defining Words, Part II	Henry	Laxen	4	2	20	Data Structures
Defining Words, Part III	Henry	Laxen	4	3	28	Data Structures
Choosing Names	Henry	Laxen	4	4	33	Style
Parameterized CREATE DOES >	Henry	Laxen	4	5	26	Compilation
Meta Compiling, Part I	Henry	Laxen	4	6	19	Compilation
Meta Compiling, Part II	Henry	Laxen	5	2	23	Compilation
Meta Compiling, Part III	Henry	Laxen	5	3	31	Compilation
Multi-Tasking, Part I	Henry	Laxen	5	4	26	Multitasking
Multi-Tasking, Part II	Henry	Laxen	5	5	37	Multitasking
Self-Defining Words	Henry	Laxen	5	6	35	Data Structures
Debugging Techniques, Part I	Henry	Laxen	6	2	38	Debugging
Debugging Techniques, Part II	Henry	Laxen	6	3	32	Debugging
Mixing CODE With High-Level Forth	Henry	Laxen	6	4	37	Assemblers

YACS, Part I	Henry	Laxen	6	6	38	Control Structures	
YACS, Part 11	Henry	Laxen	7	1	38	Control Structures	
Recursion - The Eight Queens Problem	Jerry	Le Van	2	1	6	Recursion	
Letter "RAM Card Access"	G. Edw.	Learned	5	2	4	Interest	
Mapped Memory Management Techniques in Forth	Rosemary	Leary	3	4	113	Memory	
Letter "Unraveling TI-Forth"	Rene	LeBlanc	7	6	7	Debugging	
Letter "The Atari Lesson"	John H.	Lee	13	5	13	FIG	
Letter "Tim Lee's Long names"	Tim	Lee	9	4	7	Style	
Data Structures in a Telecommunications Front End	John A.	Lefor	3	4	110	Data Structures	
Letter "More on WITHIN"	Rich	Leggit	6	1	6	Standards	
9900 Trace	Heinz F.	Lenk	3	6	173	Debugging	
CASE as a Defining Word	Dan	Lerner	3	6	189	Control Structures	
Letter "Hang Ten for Lunch"	Bob	Lewis	6	6	5	Applications	
The 31 Game	Tony	Lewis	3	5	154	Games	
Letter "8080 fig-Forth"	S.	Lieberman	2	5	140	Chapters	
Letter "Missing Enigma"	Danny K.	Liles	6	6	6	Interest	
Upscale Number Input	Glenn	Linderman	12	2	8	Data Acquisition	
A Forth Spreadsheet, Part I	Craig A.	Lindley	7	1	14	Applications	
Forth Spreadsheet, Part II	Craig A.	Lindley	7	2	30	Applications	
Letter "Already Abstruse"	Scott	Locicero	6	6	5	Interest	
Letter "Getting HEXed"	Alden B.	Long	6	2	7	Data Acquisition	
Automatic Capitalization in Forth	Jeffrey B.	Lotspiech	6	1	20	Style	
Letter "Virginia Figs?"	John C.	Lundin, Jr.	4	4	4	Chapters	
Parnas' it ... ti Structure	Kurt W.	Luoto	6	1	26	Control Structures	
Procedural Arguments	Kurt W.	Luoto	6	2	10	Objects	
Letter "When New Becomes Obsolete"	Doug	Lurie	8	3	8	Standards	
3-D Animation	Paul	Lutus	5	1	11	Graphics	
Letter "ITC vs DTC"	George	Lyons	1	4	43	Compilation	
More From George - PASCAL & Forth	George	Lyons	1	5	54	Data Structures	
Letter "Lyon's Den"	George	Lyons	2	1	15	Education	
CASE Contest Statement	George	Lyons	2	3	73	Control Structures	
Lyon's Den	George	Lyons	2	5	135	Education	
Letter "Character Witness"	George	Lyons	4	1	1	Compilation	
Technotes - Exponentiation	George	Lyons	4	3	31	Math	
Letter ";CODE: vs. DOES>"	George	Lyons	5	6	38	Compilation	
Letter "A Case of Brackets"	George	Lyons	7	2	10	Control Structures	
Windows for the TI 99/4A	Blair	MacDermid	8	4	34	Graphics	
Letter "Aborting with the Same Message?"	Jim	Mack	15	5	5	Marketing Forth	
Letter "Random Bugs"	Donald P.	Madson	4	2	31	Debugging	
A Simple Overlay System	Christian	Mahr	5	1	37	Overlays	
Forth vs Assembly	Richard B.	Main	1	3	33	Style	
High Speed Disk Copy	Richard B.	Main	1	3	34	Files	
Forth-85 "CASE" Statement	Richard B.	Main	1	5	50	Control Structures	
Letter "Reader Profile: Mark K Malmos"	Mark	Malmos	15	1	35	Forth Promotion	
Letter "VIC Dump"	Michael	Marsh	5	6	4	Debugging	
Double-Entry Bookkeeping	J.J.	Martens	11	5	8	Applications	
Pencil-and-Paper Arithmetic	J.J.	Martens	12	6	22	Math	
Letter "Ideal Time for the End Run"	Mark	Martino	14	1	5	Forth Promotion	
Letter "Visible Words & Ugly Complexity"	Mark	Martino	14	4	5	Style	
Letter "Ready to Pay"	Mark	Martino	15	3	5	Objects	
A Report on the Second FORML Conference	G.	Maverick	2	5	1	133	Conferences
Simple Object-Oriented Forth	C. A.	Maynard	13	5	33	Objects	
Letters "Visible Forth (with no exceptions)"	Chris	McBrien	10	2	7	Decompiling	
Letter "Questions Standard Procedure"	C. Kevin	McCabe	7	1	5	Standards	
Getting Started with F83	Greg	McCall	8	4	37	Education	
Letters "He Wants Proof"	Mike	McCann	10	4	6	Libraries	
The String Stack	Michael	McCourt	3	4	1	21	Strings
The Execution Variable and Array	Michael A.	Mccourt	2	4	1	09	Data Structures
Letter "MaeForum: World Wide ... and Still Growing"	Ward	McFarland	8	1	6	Conferences	
Letter "Pattern Matching Rings True"	Marty	McGowan	14	3	20	Pattern Matching	
Hacker's LOCKER	Cecil	McGregor	7	2	27	Debugging	
Letter "Kansas Canvass"	E.J.	McKernan IV	4	6	4	Chapters	
Parameter Passing to Does>	David	McKibbin	3	1	14	Compilation	
Yet Another Number Utility	David	McKibbin	5	4	7	Data Acquisition	
Forth-Based Message Service	Olaf	Meding	14	5	13	Applications	
IPS - A German Forth-Dialect	Dr. Karl	Meinzer	2	4	1	113	Control Structures
Handling Interrupts in Forth	Stephen	Melvin	4	2	17	Interrupts	
Forth Dev Environments for Embedded Real-Time Control	B.	Meuris	15	5	26	Dev Environment	
Towers of Hanoi	Peter	Midnight	2	2	32	Recursion	
FORML 89	Peter	Midnight	11	6	27	Conferences	

Letter "Double Naming"	Bill	Miles	3	3	69	Vocabularies
Using ENCLOSE on 8080	William	Miles	3	2	41	Compilation
Letter "ENCLOSE"	William D.	Miles	3	2	35	Compilation
Letter "MMS Upgrade Offer"	A. Richard	Miller	8	4	10	Vendors
Inverse Video and TI-FORTH	Richard	Minutillo	8	6	32	Graphics
Adventures in Serial Communications	Al	Mitchell	15	6	6	I/O devices
Letter "Homebrew TI"	R.J.	Mitchell	6	1	7	Assemblers
Letter "Local Groups"	David B.	Moens	3	1	2	Chapters
A FORML Thanksgiving	Richard	Molen	13	6	38	Conferences
Forth P-Code Interpreter	A.J.	Monroe	6	4	9	Interpreters
Eaker's CASE Augmented	Alfred J.	Monroe	3	6	187	Control Structures
Parallel Forth: The New Approach	Michael	Montvelishsky	15	6	15	Multiprocessing
Letter "DEA- EDI-"	CHU---	MOO--	3	1	23	Compilation
Forth, The Last Ten Years and The Next Two Weeks	Charles	Moore	1	6	60	Interest
Letter "Charles Moore's New Venture"	Charles	Moore	4	3	4	Vendors
Anonymous Variables	Leonard	Morgenstern	6	1	33	Local Variables
Anonymous Things	Leonard	Morgenstern	12	1	8	Data Structures
Forth and the Three-Number Problem	Leonard	Morgenstern	12	4	20	Forth
Working with CREATE... DOES>	Leonard	Morgenstern	14	1	35	Compilation
Letter "CREATE... DOES"	Leonard	Morgenstern	14	2	42	Compilation
Arrays In Forth	Leonard	Morgenstern	12	6	13	Data Structures
Letter "Off-Line Resources"	B.M.	Morris	15	6	5	Feedback to FD
Mathquiz	Lyle D.	Morton	6	6	13	Math
Flexible Test Environment	John	Mullen	9	2	9	Debugging
The: CASE	Steve	Munson	2	3	41	Control Structures
That Mysterious fig-Forth Amnesia	Steve	Munson	3	5	140	Debugging
Letter "2650-Forth"	Ed	Murrav	2	1	16	Interest
Letter "6809 fig-Forth"	Ed	Murray	2	6	176	Chapters
Letter "32 is a Bit Too Many"	Tom	Napier	9	1	5	Architectures
Letters "For the Analyzer Toolkit"	Tom	Napier	12	1	7	Debugging
Letters "Return to DO-FOREVER"	Tom	Napier	12	3	6	Control Structures
10 Forth Commandments	Tom	Napier	14	1	5	Philosophy
Letter "Forth Family Foiled"	Gary	Nemeth	5	3	30	Interest
Within WITHIN	Gary	Nemeth	5	5	31	Standards
Letter "Brand Name Dropping"	Michael	Nemeth	9	3	5	Education
Capture!	Bruce	Nicholas	10	6	20	Games
Dynamic Memory Allocation	Dreas	Nielsen	12	3	17	Memory
INTRAN - an Integer Formula Translator	J.V.	Noble	15	3	16	Parsing
Letter "Forth on a Bathroom Scale - No Lighthouse"	Steve J.	Noll	13	5	5	Forth
Letter "Saddled With Benchmarks"	Terry	Noyes	8	2	5	Benchmarks
Letter "Leaky Sieve"	Terry	Noyes	8	4	6	Benchmarks
Letter "Words, Required & Controlled"	David	Nye	8	6	4	Standards
Letter "What Forth Can Learn From C"	Rich Kevin	O'Brien	8	3	5	Libraries
Letter "Danish FIG"	Niels	Oesten	3	5	135	Chapters
Two Assemblers are Better than One	Darryl	Oliver	11	2	30	Assemblers
Have Your Assembler...	Darryl	Olivier	10	1	22	Assemblers
Accessing 80286 Extended Memory	Richard	Olivo	11	2	19	Memory
Forth List Handling	Birger	Olofsson	6	1	36	Lists
Evolution of a F.I.G. Forth Freak	Tom	Olsen	1	1	3	Education
Letter "Value Needn't Be Pricey"	Fred H.	Olson	6	3	5	Interest
Letter "Simpler Recursion"	Peter	Oppenheimer	7	1	5	Recursion
Letter "MMS Forth"	Vincent	Otten	3	3	70	Vendors
Editorial "Changing of the Guard"	Marlin	Ouerson	5	2	3	Editorial
Interview with Charles Moore	Marlin	Ouerson	5	2	5	Interviews
Editorial "Standard Fare"	Marlin	Ouerson	5	3	3	Editorial
Editorial "Fifth Forth Fest"	Marlin	Ouerson	5	4	3	Editorial
Editorial "Cover Ups"	Marlin	Ouerson	5	5	3	Editorial
Editorial "Forth on Tap"	Marlin	Ouerson	5	6	3	Editorial
Editorial "A Few Changes"	Marlin	Ouerson	6	1	7	Editorial
Editorial "Practical Forth"	Marlin	Ouerson	6	2	7	Editorial
Editorial "Credit Where It's Due"	Marlin	Ouerson	6	3	7	Editorial
Editorial "Points of Departure"	Marlin	Ouerson	6	4	6	Editorial
Editorial "Author Recognition"	Marlin	Ouerson	6	5	6	Editorial
FORML 1984 Asilomar Conference	Marlin	Ouerson	6	5	34	Conferences
FORML China Tour 1984, Part I	Marlin	Ouerson	6	5	38	Conferences
Editorial "Xie, Me"	Marlin	Ouerson	6	6	6	Editorial
FORML China Tour 1984 - Part II	Marlin	Ouerson	6	6	33	Conferences
Editorial "Journey to the East"	Marlin	Ouerson	7	2	9	Editorial
Editorial "Macronautics"	Marlin	Ouerson	7	3	6	Editorial
Editorial "Leaders' Edge"	Marlin	Ouerson	7	4	7	Editorial

1985 Forth National Convention	Marlin	Ouerson	7	4	41	Conferences
Editorial "Elegant, Clever or Tricky?"	Marlin	Ouerson	7	5	6	Editorial
FORML at Asilomar	Marlin	Ouerson	7	5	35	Conferences
Editorial "Subjective Benchmark"	Marlin	Ouerson	7	6	9	Editorial
Editorial "Calls for Papers"	Marlin	Ouerson	8	1	6	Editorial
Editorial "Hackles and Hopes"	Marlin	Ouerson	8	3	11	Editorial
Editorial "Conventions"	Marlin	Ouerson	8	4	12	Editorial
Editorial "A Sense of Place"	Marlin	Ouerson	8	5	9	Editorial
National Forth Convention '86	Marlin	Ouerson	8	5	34	Conferences
State of Standard	Marlin	Ouerson	8	6	34	Standards
FORML '86 in Review	Marlin	Ouerson	8	6	38	Conferences
Editorial	Marlin	Ouerson	9	1	4	Editorial
Editorial	Marlin	Ouerson	9	3	4	Editorial
Editorial	Marlin	Ouerson	9	4	4	Editorial
Editorial	Marlin	Ouerson	9	5	4	Editorial
Editorial	Marlin	Ouerson	9	6	4	Editorial
Editorial	Marlin	Ouerson	10	1	4	Editorial
Editorial	Marlin	Ouerson	10	2	4	Editorial
Editorial	Marlin	Ouerson	10	3	4	Editorial
Editorial	Marlin	Ouerson	10	4	4	Editorial
Editorial	Marlin	Ouerson	10	5	4	Editorial
1988 Forth Convention "Real-Time Programming"	Marlin	Ouerson	10	5	26	Conferences
Editorial	Marlin	Ouerson	10	6	5	Editorial
Editorial	Marlin	Ouerson	11	1	4	Editorial
Editorial "Forth Hardware"	Marlin	Ouerson	11	2	4	Editorial
Editorial	Marlin	Ouerson	11	3	4	Editorial
Editorial "Software, Hardware Issue Update"	Marlin	Ouerson	11	4	4	Editorial
Editorial	Marlin	Ouerson	11	5	4	Editorial
Editorial "Forth Hardware"	Marlin	Ouerson	11	6	4	Editorial
Editorial	Marlin	Ouerson	12	1	4	Editorial
Editorial	Marlin	Ouerson	12	2	4	Editorial
Editorial	Marlin	Ouerson	12	3	4	Editorial
Editorial "Mid-Life Crisis"	Marlin	Ouerson	12	4	4	Editorial
Editorial "Dissent not = Exile"	Marlin	Ouerson	12	5	4	Editorial
Editorial	Marlin	Ouerson	12	6	4	Editorial
Editorial	Marlin	Ouerson	13	1	4	Editorial
Editorial	Marlin	Ouerson	13	2	4	Editorial
Editorial	Marlin	Ouerson	13	3	4	Editorial
Editorial "Objects d'Art"	Marlin	Ouerson	13	5	4	Editorial
Editorial "New Conte\$t for Forth Authors"	Marlin	Ouerson	13	6	4	Editorial
Editorial	Marlin	Ouerson	14	1	4	Editorial
Editorial	Marlin	Ouerson	14	2	4	Editorial
Editorial	Marlin	Ouerson	14	3	4	Editorial
Editorial	Marlin	Ouerson	14	4	4	Editorial
Editorial	Marlin	Ouerson	14	5	4	Editorial
Editorial	Marlin	Ouerson	14	6	4	Editorial
Editorial	Marlin	Ouerson	15	1	4	Editorial
Editorial	Marlin	Ouerson	15	2	4	Editorial
Editorial "Why FIG Chapters"	Marlin	Ouerson	15	3	4	Editorial
Editorial "A Wholly Unlikely Alliance"	Marlin	Ouerson	15	4	4	Editorial
Editorial "Of Awards and Incentives"	Marlin	Ouerson	15	5	4	Editorial
Editorial	Marlin	Ouerson	15	6	4	Editorial
Letter "Multiple LEAVEs by Relay"	Chester	Page	8	3	10	Control Structures
Letter "Multiple LEAVEs by Relay"	Chester	Page	8	4	9	Control Structures
A 6502 Assembler	Chester	Page	9	5	19	Assemblers
Letters "Errata and Improv to a 6502 Assembler"	Chester	Page	10	2	9	Assemblers
Apple II \$Forth	Chester	Page	10	5	14	Data Structures
Search Order-Structure	Chester	Page	11	3	23	Searching
Developing a Step Trace	Chester	Page	11	5	14	Debugging
Interpretation-Macro Techniques	Chester	Page	12	1	11	Interpreters
Metacompiling by Defining Twice	Chester	Page	12	2	31	Metacompiling
Forth Assembler & Free use of Labels	Chester	Page	12	4	23	Assemblers
Letter "Unfinished Business"	William A.	Paine	5	3	3	Education
Technotes - ENCLOSE Encounters	Nicholas	Pappas	5	1	34	Compilation
Letter "ENCLOSE Encounters of the Second Kind"	Nicholas	Pappas	5	3	30	Errata
Letter "DO ...LOOP83 Caution"	Nicholas	Pappas	5	6	38	Control Structures
Letter "Death Wish"	Nicholas	Pappas	6	5	7	Standards
Keywords - Where Used	Nicholas	Pappas	7	1	29	Debugging
Letter "783 Compiles Text"	Alberto	Pasquale	8	5	7	Compilation
Input Number Word Set	Robert E.	Patten	2	5	129	Data Acquisition

Letter "Searching for Graves"	James W.	Patton	5	3	29	Interest
Forth in the Arts, Three Application Stories	Howard	Pearlmutter	5	1	5	Graphics
Transportable Control Structures With Compiler Security	Marc	Perkel	3	6	176	Control Structures
Turning the Stack into Local Variables	Marc	Perkel	3	6	185	Local Variables
Letter "Nice Work, Chuck"	Marc	Perkel	4	2	3	Compilation
Letter "Yet Another Case Statement"	Marc	Perkel	5	3	29	Control Structures
Manufacturing Cost Program	Marc	Perkel	5	4	9	Applications
Quick Sort in Forth	Marc	Perkel	5	5	29	Sorting
The Integer Solution	Marc	Perkel	6	2	18	Compilation
Letter "De-California"	Eric	Perrault	4	1	1	FIG
Letter "To 'G' or Not to 'G'"	Mike	Perry	3	6	168	Editors
Charles Moore's Basic Compiler Revisited	Mike	Perry	3	6	175	Compilation
Introduction to Data Acquisition	Mike	Perry	5	5	5	Data Acquisition
The Far Right Stuff	Mike	Perry	6	6	21	Interest
A Forth CASE Statement	R. D.	Perry	2	3	78	Control Structures
Recursion and the Ackerman Function	Joel	Petersen	3	3	89	Recursion
The Forth Step - Stepper Motor control	Martin B.	Petri	4	2	12	Controls
Simple Forth Multi-Tasking Environment	Martin B.	Petri	5	2	22	Multitasking
Letter "It Would Have Been Grand. . ."	Ed	Petsche	7	3	6	Control Structures
Simple File Query	Ed	Petsche	8	4	17	Files
Letter "A Couple of CASE's"	Ed	Petsche	9	1	6	Control Structures
Letter "Open Letter to ANSI X3J14"	David	Petty	12	5	6	Standards
Letter "Hunting Figheads"	Larry	Pfeffer	4	2	3	FIG
Letter "Standard Bearers"	Michael D.	Pollard	7	2	5	Standards
A "tiny" Pseudo-Code	Bill	Powell	2	1	7	Compilation
CASE Statement	William H.	Powell	2	3	81	Control Structures
Letter "Holland Hobbyists"	J.M.	Preston	4	3	3	Chapters
Letter "Big Number Arithmetic"	Philip	Preston	13	3	32	Math
Local Definitions	Carol	Pruitt	6	6	16	Local Variables
Letters "Ailing Acronyms"	Carol	Pruitt	9	6	6	Data Structures
Letters "Korean Forth is Natural"	Chong-Hong	Pyun	10	6	8	Forths
Dictionary Structures & Forth	Wu	Qian	12	2	26	Vocabularies
Forth Learns German	William F.	Ragsdale	1	2	15	Applications
Forth Definition	William F.	Ragsdale	1	2	18	Forth
HELP	William F.	Ragsdale	1	2	19	Debugging
A New Syntax for Defining Defining Words	William F.	Ragsdale	2	5	121	Data Structures
A Forth Assembler for the 6502	William F.	Ragsdale	3	5	143	Assemblers
Timekeeping in Forth	William F.	Ragsdale	5	5	6	Applications
Ask the Doctor	William F.	Ragsdale	5	6	6	Education
New FIG Directors	William F.	Ragsdale	6	1	8	FIG
Ask the Doctor "Moving to ROM"	William F.	Ragsdale	6	1	10	Education
Ask the Doctor "Forth and the AIM-65"	William F.	Ragsdale	6	2	37	Education
Ask the Doctor "Astronomical Problems"	William F.	Ragsdale	6	3	30	Education
How to Learn Forth	William F.	Ragsdale	6	5	9	Education
Learning Forth	William F.	Ragsdale	6	6	7	Education
Evaluation	William F.	Ragsdale	7	1	8	Vendors
Ask the Doctor	William F.	Ragsdale	7	2	12	Chapters
Letter "FIG Aficionado"	Edmund	Ramon	5	4	29	Standards
Letter "On Curses and Communication"	James H.	Ramsay	5	5	3	Standards
Letter "VAX And Ye Shall Receive?"	James H.	Rapp	4	2	3	Interest
From Clepsydras to Neural Nets	Robert	Rarian	12	6	6	Neural Nets
Letters "ANS Process Offers Fairness"	James	Rash	10	2	5	Standards
Letter "X3J 14 Report"	Elizabeth	Rather	12	5	6	Standards
Letter "I/O Time Dominates Real Performance"	Elizabeth	Rather	14	2	42	Forths
Letter "Smashing Marketplace Myths"	Elizabeth	Rather	15	2	5	Marketing Forth
Letter "Potable dpANS Forth"	Elizabeth	Rather	15	2	7	Book Review
Stack-Oriented Co-Processors and Forth	Dana	Redington	5	3	20	Math
FORTT: A 68000 Native-CodeForth, Part I	John	Redmond	12	2	20	Forths
FORTT: A 68000 Native-CodeForth, Part II	John	Redmond	12	3	34	Forths
FORTT: A 68000 Native-CodeForth, Part III	John	Redmond	12	4	26	Forths
FORTT: A 68000 Native-CodeForth, Part IV	John	Redmond	12	5	28	Forths
FORTT: A 68000 Native-CodeForth, Part V	John	Redmond	12	6	16	Forths
Letter "Hardware"	Kent A.	Reed	3	2	37	Errata
Presidents Letter "Goals and Objectives"	Robert	Reiling	6	2	9	FIG
Letter "Operations"	Robert	Reiling	6	3	9	FIG
Letter "FIG: An International Service Organization"	Robert	Reiling	7	1	6	FIG
euroFORML '85	Robert	Reiling	7	6	15	Conferences
Embedded Systems Conference	John	Rible	14	5	23	Conferences
Letter "FORTH-65 from fig-FORTH"	J. E.	Rickenbacker	2	2	34	Errata
Multiprocessor Forth Kernel	Brad	Rodriguez	11	3	14	Multiprocessing

Letter "Mastering Metacompilation"	Brad	Rodriquez	13	3	5	Compilation
Principles of Metacompilation	Brad	Rodriquez	14	3	13	Metacompilation
Principles of Metacompilation	Brad	Rodriquez	14	4	14	Metacompilation
Principles of Metacompilation	Brad	Rodriquez	14	5	26	Metacompilation
Letter "The Future of Forth & the Forth Interest Group"	Peter	Roeser	14	3	11	Forth Promotion
Increase Memory for the TI 99/4A	Howard	Rogers	11	4	21	Memory
TI 99/4A Screen Dump	Howard H.	Rogers	6	6	11	Debugging
Letter "Out of Ireland"	Richard	Rooney	8	6	6	FIG
Fig-Forth Vocabulary Structure	Evan	Rosen	5	3	5	Vocabularies
Vocabulary Tutorial, Part II	Evan	Rosen	5	4	14	Vocabularies
Stack Numbers by Name	Melvin	Rosenfeld	8	3	36	Data Structures
Letter "Novix Fibonacci"	Douglas	Ross	9	4	5	Benchmarks
Letters "... and the Fastest (?) thousand"	Douglas	Ross	12	2	6	Benchmarks
Extended-Precision Math Made Easy	Douglas	Ross	12	4	16	Math
Local Variables	Peter	Ross	9	4	9	Local Variables
Letters "Language of Choice"	Walter	Rottenkolber	12	3	5	Forth Promotion
Add and Delete Screens in PDE	Walter J.	Rottenkolber	13	1	23	Editors
Letter "PDE Erratum"	Walter J.	Rottenkolber	13	3	34	Editors
Combsort in Forth	Walter J.	Rottenkolber	13	4	6	Sorting
Letter "Combsort Revisited"	Walter J.	Rottenkolber	14	4	6	Sorting
Letter "One Simple Syntax, Please"	Walter J.	Rottenkolber	14	5	5	Syntax
Letter "Embedded Systems Conference"	Walter J.	Rottenkolber	14	6	6	Conferences
Letter "Of Saints and Spaghetti"	Walter J.	Rottenkolber	15	1	5	Feedback to FD
Letter "Three-Piece Logic"	Walter J.	Rottenkolber	15	2	7	Marketing Forth
Mixed Integer Arithmetic	Walter J.	Rottenkolber	15	2	15	Math
Letter "Something Old, something New"	Walter J.	Rottenkolber	15	6	5	Forths
Print ZIP Barcodes	Walter J.	Rottenkolber	15	6	27	Graphics
Letter "Writers Kit"	Bib	Royce	3	5	137	Interest
PCYerk Classes	Rick	Rrehan	13	6	39	Objects
Charles Moore's Fireside Chat	Dennis	Ruffer	10	5	27	Conferences
The Challenge of Sorts	Dennis	Ruffer	11	3	24	Sorting
Contest of Sorts "The Results"	Dennis	Ruffer	11	6	29	Sorting
International GENie Access	Dennis	Ruffer	12	6	26	BBS
Letter "Back to Ackermann"	Don	Russ	4	2	30	Errata
Letter "No Pint In Fixed Thinking"	Steven A.	Ruzinsky	4	6	3	Standards
Letters "A Fast Thousand Primes"	Allan	Rydborg	11	5	6	Benchmarks
Letter "Quirkless CASE?"	Tony	Sager	7	6	5	Control Structures
Symbolic Processing	Alexander	Sakharov	13	1	7	Compilation
Optimization of '386 Assembly-Language Code	David	Sanders	15	6	33	Assemblers
Letter "Ile of Not Ile"	Tom	Saunders	13	2	5	Forth
Optimized Data Structures for Hardware Control	Joseph D.	Sawicki	3	4	118	Control Structures
Extensions for F83	Anthony	Scarpelli	9	4	29	Security
Letter "Forth ROMs"	Martin	Schaaf	3	5	136	Vendors
Letter "Forth Machine Project"	Martin	Schaaf	4	4	3	Hardware
Letter "A More General CASE"	Martin	Schaaf	5	5	32	Control Structures
Formatted Input Fields	Martin	Schaaf	15	1	7	Strings
Bit-based Truth Tables	Jean-Pierre	Schachter	9	4	23	Data Typing
Letter "DBMS, or, Do Blanks Mean Something?"	James R.	Schierenberg	5	2	4	Data Base
Separated Heads	Klaus	Schleisiek	2	5	147	Compilation
Re-Defining a Colon Word	E.H.	Schmauch	6	3	20	Data Structures
Letter "Just One EXIT in CASE"	Ed	Schmauch	5	5	22	Control Structures
Letter "Grounded in Data Transfer"	Ed	Schmauch	6	4	5	Communications
Pseudo-Interrupts	Ed	Schmauch	7	3	30	Interrupts
The FSAT Project	Jim	Schneider	15	2	9	Tools
UN*X Tools Used on the FSAT Project, Part 1	Jim	Schneider	15	3	9	Tools
UN*X Tools Used on the FSAT Project, Part 2	Jim	Schneider	15	4	32	Tools
Letters "A Smaller Prime Thousand..."	Ariel	Scolnicov	12	2	5	Benchmarks
Structured Pattern Matching (Part 1)	Ariel	Scolnicov	14	2	21	Pattern Matching
Structured Pattern Matching (Part 2)	Ariel	Scolnicov	14	3	22	Pattern Matching
Extensible Optimizing Compiler	Andrew	Scott	12	2	14	Compilation
Extending the Forth Compiler	Luke	Seeto	5	1	20	Compilation
A CASE Statement	Robert A.	Selzer	2	3	82	Control Structures
GENie for Beginners	Frank	Sergeant	12	5	34	BBS
Metacompilation Made Easy	Frank	Sergeant	12	6	31	Compilation
An Introduction to Pygmy Forth	Frank	Sergeant	13	2	25	Fortrts
Letter "Respond and Apology"	Frank	Sergeant	14	2	5	Vendors
The Little Help Engine	Frank	Sergeant	14	3	6	Documentation
Letter "Standard Forth?"	Gary J.	Shannon	1	4	45	Standards
Tips on Bringing up 8080 fig-Forth	Ted	Shapin	3	2	40	Debugging
Changing 8080 fig-Forth for Disk Copying	Ted	Shapin	3	2	42	Files

Run-Time Stack Error Checking	Charles	Shattuck	9	1	32	Debugging
Letters "No TRAPs in His Multitasker..."	Charley	Shattuck	10	2	7	Multitasking
To View or Not To View (To View or To View Not?)	George	Shaw	2	61	162	Editors
Letter "Vocabularies"	George	Shaw	2	61	177	Vocabularies
Compiler Security	George	Shaw	3	1	15	Security
Letter "Compiler Security"	George	Shaw	3	3	71	Security
The Forth-79 Standard - A Tool Box?	George	Shaw	3	3	74	Standards
Letter "Stack Your Locals"	Tom	Shaw	7	5	5	Local Variables
1987 Rochester Forth Conference	Jerry	Shifrin	9	2	26	Conferences
ANS Forth Meeting Notes	Jerry	Shifrin	9	3	27	Standards
1987 Forth National Convention	Jerry	Shifrin	9	5	14	Conferences
ANS Forth Meeting Notes	Jerry	Shifrin	9	5	16	Standards
Letter "Starting Forth"	Winnie	Shows	3	3	69	Vendors
Letter "Born-Again"	Larry R.	Shultis	3	1	2	Interest
Another Subroutine Technique	Donald	Simard	7	2	25	Compilation
Guest Editorial "How you can Help"	Horace O.	Simmons	13	4	4	Editorial
DTC vs ITC for Forth on the PDP-11	David J.	Sirag	1	3	25	Compilation
Letter "In Praise of Libraries"	Mark	Smiley	7	4	5	Libraries
Graphics and Floating Point	Mark	Smiley	14	5	16	Graphics
Letter "Fractals Dimensions"	Mark	Smiley	9	3	5	Fractals
Another Recursion	Arthur J.	Smith	3	61	179	Recursion
Forth Resources via Modem	Gary	Smith	8	2	25	Communications
The Best of GENie - March 1988	Gary	Smith	10	1	27	BBS
The Best of GENie - July 1988	Gary	Smith	10	2	29	BBS
The Best of GENie - Sept 1988	Gary	Smith	10	3	35	BBS
The Best of GENie - Oct 1988	Gary	Smith	10	4	29	BBS
The Best of GENie - Nov 1988	Gary	Smith	10	5	31	BBS
The Best of GENie - Mar 1989	Gary	Smith	10	6	33	BBS
The Best of GENie - May 1989	Gary	Smith	11	1	35	BBS
The Best of GENie - July 1989	Gary	Smith	11	2	32	BBS
The Best of GENie - Sep 1989	Gary	Smith	11	3	31	BBS
The Best of GENie - Nov 1989	Gary	Smith	11	4	28	BBS
The Best of GENie - Jan 1990	Gary	Smith	11	5	25	BBS
The Best of GENie - Mar 1990	Gary	Smith	11	6	35	BBS
The Best of GENie - May 1990	Gary	Smith	12	1	28	BBS
The Best of GENie - July 1990	Gary	Smith	12	2	36	BBS
The Best of GENie - Oct 1990	Gary	Smith	12	3	37	BBS
The Best of GENie - Nov 1990	Garv	Smith	12	4	30	-RRS
The Best of GENie	Gary	Smith	12	5	36	BBS
The Best of GENie	Gary	Smith	12	6	24	BBS
The Best of GENie	Gary	Smith	13	1	31	BBS
The Best of GENie	Gary	Smith	13	2	33	BBS
The Best of GENie	Gary	Smith	13	3	38	BBS
The Best of GENie	Gary	Smith	13	4	28	BBS
The Best of GENie	Gary	Smith	13	5	19	BBS
The Best of GENie	Gary	Smith	13	6	32	BBS
The Best of GENie	Gary	Smith	14	2	35	BBS
The Best of GENie	Gary	Smith	14	3	32	BBS
Mass Transit Forth	Kevin	Smith	7	2	28	Applications
A Modest Proposal For Dictionary Headers	Robert L.	Smith	1	5	49	Compilation
Greatest Common Divisor	Robert L.	Smith	2	6	166	Math
Forth Standards Corner	Robert L.	Smith	3	2	42	Standards
Forth Standards Corner	Robert L.	Smith	3	3	73	Standards
Forth Standard Corner "More words on WORD"	Robert L.	Smith	3	5	139	Standards
Forth Standards Corner	Robert L.	Smith	3	6	172	Standards
Proposals for Relationals and Mult. Operators	Robert L.	Smith	4	1	3	Math
Towards a New Standard	Robert L.	Smith	4	2	19	Standards
Forth-83 Do-Loop	Robert L.	Smith	4	3	24	Control Structures
Representation for Logical True	Robert L.	Smith	4	4	31	Control Structures
Summary of Changes in Proposed Forth-83	Robert L.	Smith	4	5	29	Standards
Compilation Addresses and Parameter Fields	Robert L.	Smith	4	6	12	Compilation
Forth-83 Standard	Robert L.	Smith	5	3	26	Standards
Unsigned Division Code Routines	Robert L.	Smith	8	6	18	Math
Letter "To Stack or Not . . ."	Rudy	Smith	6	2	6	Data Structures
Vectored Execution and Recession	Roy W.	Sommers	5	4	17	Recursion
Macro Expansion in Forth	Jeffrey	Soreff	5	5	9	Compilation
Letter "ITC vs DTC"	Jon F.	Spencer	1	4	42	Compilation
Letter "DTC vs ITC"	Jon F.	Spencer	2	1	16	Compilation
A Fireside Chat with Charles Moore	Scott	Squires	9	6	36	Interviews
Letter "Errors?"	Gordon	Stallings	2	1	16	Interest

Letter "Neater S->D"	J.R.	Stapleton	4	4	3	Errata
Technotes - A Better CRC	Mike	Steckmyer	5	1	35	Communications
Technotes "RLOAD Program Package Load"	C.L.	Stephens	4	6	27	Files
Technotes "Circular lists"	C. L.	Stephens	4	6	27	Lists
Letters "Worthless Like Pascal"	Joe	Sternlicht	9	6	5	Portability
Ada Multiprocessor Real-Time Kernel	Hoyt A.	Sterns	13	3	24	Multiprocessing
Smart Comments and Compiler Words	William H.	Stewart	13	2	6	Compilation
Letter "Inner Workings"	R.	Stockhausen	2	6	175	Interest
Letter "BASIC a Red Herring"	Bill	Stoddart	2	1	18	Interest
Forth-83 Loop Structure	Bill	Stoddart	5	4	22	Control Structures
Not ONLY But ALSO	Bill	Stoddart	7	1	32	Vocabularies
Algebraic Expression Evaluation in Forth	Michael	Stolowitz	4	6	14	Math
Interrupt-Driven Communications	Ramer	Streed	12	5	18	Communications
Letter "More Applications, Please!"	Ramer W.	Streed	7	3	5	Applications
Letter "A Screen in the Dark"	Ramer W.	Streed	8	2	6	Editors
Fixed Point Square Roots	Klaxon	Suralis	4	1	9	Math
Checksum for Hand-Entered Source Screens	Klaxon	Suralis	4	3	15	Debugging
Forth-79 LEAVE for Forth-83 DO.... LOOPS	Klaxon	Suralis	4	3	25	Control Structures
Randon Disk Records	Brian	Sutton	14	2	10	Data Base
Fully Interactive fig-Forth	Lars-Erik	Svahn	9	4	27	Compilation
Letter "Brain-System"	D.L.	Szekeley	3	6	169	Interest
Filling Algorithms	Zbigniew	Szkaradnik	11	2	10	Graphics
Dynamic Virtual Memory Management	Antero	Taivalsaari	12	3	7	Memory
Letter "Strong is Weak"	Ken	Takara	6	5	5	Standards
Number Editing Utility	Ken	Takara	7	3	37	Data Acquisition
Consumerized Forth	Ken	Takara	9	2	18	Education
Letter "Process-Simulation"	Jeseeph	Talavage	3	5	135	Vendors
Forth, for the Motorola 6809	Raymond J.	Talbot, Jr.	2	1	3	Forths
Letter "6809 Gift"	Raymond J.	Talbot, Jr.	4	2	3	Forths
Access tp dBase Files	John	Tarin	10	1	10	Data Base
Alternative Software Making Great Strides	Alan	Taylor	2	5	151	FIG
Macro Generation	Don	Taylor	7	1	27	Compilation
Forth-83: A Minority View	Glenn S.	Tenney	5	3	27	Standards
Why Forth Isn't Slow	Adin	Tevet	6	5	30	Debugging
Letters "Running from Repetition"	Adin	Tevet	11	4	5	Compilation
Multitasking Modem Package	Jeffrey	Teza	9	6	8	Multitasking
Letter "DEA- FIG, HEL-"	FRE-	THO	2	6	176	Compilation
Letter "A Synonym for fig-Forth"	Gene	Thomas	8	1	5	Vocabularies
TI 99/4A ISR Installation	Gene	Thomas	8	1	23	Interrupts
Letter "Dictionary Magic"	Gene	Thomas	8	2	5	Files
Letter "Teaching Forth: Testing TESTIT"	Gene	Thomas	8	3	5	Education
Letter "Seeing is Believing"	Gene	Thomas	8	4	6	Data Display
Letter "A Couple of CASE's"	Gene	Thomas	9	1	7	Control Structures
Letter "Sorting Out Batcher's"	Gene	Thomas	9	2	5	Sorting
GridPlot	Gene	Thomas	9	3	30	Data Typing
Locating Forth Words	Gene	Thomas	10	1	8	Source Code
Step-Tracing in fig-Forth	Gene	Thomas	10	2	20	Debugging
Letters "Vintage Hardware"	Gene	Thomas	10	6	6	Hardware
Letter "Invisible & Fairly Elegant: 32bit Forth"	J.E.	Thomas	8	1	5	Vocabularies
Interface for the GPIB	Robert	Thompson	15	1	10	I/O Devices
Slave of Eratostenes in Forth	Mitchell E.	Timin	3	6	181	Benchmarks
Letter "Benchmark Ballyhoo	Mitchell E.	Timin	4	1	1	Benchmarks
Letter "Taiwan FIG"	C.H.	Ting	3	5	136	Chapters
Letter "China News"	C.H.	Ting	4	2	3	Chapters
79-Forth ROM for Apple II	C.H.	Ting	4	4	6	ROM
fig-Forth Interpreters	C.H.	Ting	6	1	12	Compilation
F83 Word Usage	C.H.	Ting	7	4	12	Vocabularies
Phase Angle Difference Analyzer	C.H.	Ting	11	6	15	Applications
Northern California Forth Day	C.H.	Ting	12	6	30	Chapters
Forth - A Portable Forth Model	C.H.	Ting	13	1	15	Forths
Letter "Black-Belt Exhaustion & Lean, Mean FIG"	C.H.	Ting	13	3	5	FIG
China's National Forth Examination	C.H.	Ting	14	2	26	Education
Tutorial # 1 "Character Graphics"	C.H.	Ting	14	4	28	Tutorial
Tutorial #2 "Placing Characters on the Screen"	C.H.	Ting	14	5	24	Tutorial
Charles Moore's Fireside Chat '92	C.H.	Ting	14	6	14	Forths
Tutorial #3 "Numbers"	C.H.	Ting	14	6	18	Tutorial
Tutorial #4 "Calendars & The Game of Life"	C.H.	Ting	15	1	30	Tutorial
Tutorial #5 "More on Numbers"	C.H.	Ting	15	2	24	Tutorial
Tutorial #6 "Terminal Input and Output"	C.H.	Ting	15	3	26	Tutorial
Tutorial #7 "Where Do You Go From Here?"	C.H.	Ting	15	4	26	Tutorial



Letter "Potpourri"	Glenn	Toennes	4	6	4	Style
Letters "Vintage Hardware"	Glenn	Toennes	10	6	6	Interviews
Letters "Screens forshadowed (but not Shadow Screens)"	Glenn	Toennes	11	5	6	Interest
Letters "Keep Art Alive"	Jay	Topping	11	4	5	Interest
Letter "PET Forth"	Chris	Torkildson	1	4	45	Benchmarks
Letter "Sigapore Slingshot Targets FIG Issues"	John N.S.	Tse	13	4	10	FIG
Recursive Sort on the Stack	Richard	Turpin	5	2	16	Sorting
An Application of the Recursive Sort	Richard	Turpin	7	5	12	Sorting
Drill-and Practice Number Conversion	Richard	Turpin	9	3	9	CAI
Letter "Poor Documentation"	Derek	Vair	4	2	4	Documentation
Structured Programming By Adding Modules to Forth	Dewey	Val Schorre	2	5	132	Control Structures
Letter "Articles"	Paul	van der Eijk	3	2	35	Interest
Optimizing Dictionary Searches	Paul	van der Eijk	3	2	57	Searching
Tracing Colon-Definitions	Paul	van der Eijk	3	2	58	Debugging
Menus in Forth	Frans	Van Duinen	7	2	15	Applications
Letter "F1 ... F5 for F83"	Frans	Van Duinen	8	6	9	Editors
.CAME-FROM	Frans	Van Duinen	10	6	29	Security
PDE Full-Screen Editor	Frans	van Duinen	11	2	14	Editors
Time-Keeping Routine	Peter	Verhoeff	10	6	30	Applications
New Stack Tools	Peter	Verhoeff	13	4	13	Stacks
Letter "We Must Not Do Nothing"	Peter	Verhoeff	13	5	5	FIG
Letter "More Grass Roots"	J. Grant	Viening	7	1	5	Education
Letter "8080 nucleus of MSL"	Robert D.	Villwock	1	5	54	Errata
Continuing Dialog on Forth-79 Standard	Robert D.	Villwock	3	1	5	Standards
More Words About Word	Robert D.	Villwock	3	5	141	Standards
Letter "Forth Application Library"	Nic	Vine	3	6	168	Libraries
Letter "Volvos Drove Him to Forth & Forth's Missing Link"	Henry	Vinerts	14	6	5	Feedback to FD
Letter "Forth in College"	Vernor	Vinge	4	3	3	Education
Teaching Forth on a VAX	Vernor	Vinge	4	6	8	Education
Letter "Mil-Std-1750, Anyone?"	Hans J.	vonderPfordte	n5	6	38	Hardware
Toward Eliminating Forth Screens	Robert R.	Wagner	5	5	20	Files
Forth Interrupt Handling	Barrie	Walden	12	5	10	Interrupts
Letter "Flush Is Too Much"	Bruce	Walker	4	2	30	Files
PL/1 Data Structures in Forth	Bruce W.	Walker	5	6	8	Data Structures
Transient Definitions	Philip	Wasson	3	5	140	Control Structures
Transient Definitions	Phillip	Wasson	3	6	171	Compilation
Letter "You Screen, I Scream"	Laughing	Water	7	2	7	Files
Letter "Note from a Defector"	Laughing	Water	13	1	5	FIG
The Indexer: Enhancements to a Data Base Model	Robert N.	Watkins, CCP	4	5	10	Data Base
Letter "Forth Books?"	Andrew W.	Watson	2	1	16	interest
Letter "As for MYSELF. . ."	William T.	Watson	5	6	5	Education
Letter "Conditional Teaching"	John J.	Wavrik	8	2	8	Control Structures
On-Line Documentation	John J.	Wavrik	8	2	21	Communications
CASE Statement	Witt	Wayne	2	3	87	Control Structures
Forth Timer Macros	Iram	Weinstein	7	3	19	Debugging
Letter "ASCII"	Raymond	Weisling	3	3	72	Compilation
Forth and Artificial Linguistics	Raymond	Weisling	3	5	138	Interest
Letter "Another 1 4 2"	Wolf	Wejgaard	4	5	3	Variables
Letter "Search for Model III Source"	Arthur	Wendover	6	4	7	Hardware
Screenless Forth	Carl	Wenrich	8	5	13	Files
Readable Forth	Carl	Wenrich	9	4	14	Control Structures
A Faster Next Loop	Carl	Wenrich	9	6	16	Interpreters
Letter "Forth on the Macintosh"	Conrad	Weyns	13	3	15	FIG
Letter "Errors"	Steve	Wheeler	3	2	39	Errata
Technotes - Input Commands as Text Literals	H.E.R.	Wijnands	4	3	31	Data Acquisition
DOS File Disk I/O	Charles G.	Wilcox	8	6	19	Files
Sixty-formatted Source Code	Hank	Wilkinson	13	1	28	Editors
GETB and OUTB	Hank	Wilkinson	14	6	7	Windows
Drawing BMP Files	Hank	Wilkinson	15	4	27	Graphics
Letter "Importing Announcement"	A.	Williams	4	5	3	Vendors
Letter "File Fan"	David	Williams	5	4	4	Files
Letter "16-Bit Standard"	David N.	Williams	7	5	6	Standards
Letter "Good Work"	Gregg	Williams	3	5	135	Interest
Letter "A Helpful Utility"	Gregg	Williams	3	5	142	Debugging
Letter "Strength Mistaken"	Garth	Wilson	14	6	5	Forth Promotion
Readability Revisited	Garth	Wilson	15	6	20	Style
A CASE Statement	Kenneth A.	Wilson	2	3	84	Control Structures
Letter "1783 gets Gregorian"	Matt	Wilson	9	3	6	Data Typing
Forth Systems With a Segmented Memory Model	Richard	Wilton	8	3	12	Memory
Practical Considerations for Floating-Point	Richard	Wilton	8	5	10	Floating-Point

Letter "A Friend in Need"	Duane	Windemiller	5	4	3	Education
The Forth Engine	David	Winkel	3	3	78	Compilation
Letter "6502 Assembler"	Bob	Wiseman	3	5	136	Assemblers
The Value of FIG Chapters	Jack	Woehr	10	5	36	Chapters
The Greening of Forth	Jack	Woehr	10	6	40	Forth Promotion
Chapters Down Under	Jack	Woehr	11	1	39	Chapters
It Rains	Jack	Woehr	11	2	36	Chapters
Chapter Coordinator's Kitchen	Jack	Woehr	11	4	34	Chapters
Seeing Forth	Jack	Woehr	11	5	28	Style
FIG Chapters Report	Jack	Woehr	11	5	36	Chapters
Visit to A Parallel Universe	Jack	Woehr	11	6	40	Chapters
Taking it up in the Outfield	Jack	Woehr	12	1	32	Chapters
Forth as a Teaching Language	Albert S.	Woodhull	4	6	5	Education
Letter "Code for All Seasons"	Jesse	Wright	5	4	29	Standards
Using Forth for Tradeoffs Between Hdwr/Frmwr/Sftwr	Dave	Wyland	1	1	4	Education
Local Variables and Arguments	Jyrki	Yli-Nokari	11	1	13	Local Variables
Synonyms	Victor	Yngve	7	3	11	Compilation
Macros	Victor	Yngve	7	3	14	Compilation
Benchmark Readability	Victor	Yngve	7	4	16	Benchmarks
Synonyms and Macros, Part 4: Compiler Macros	Victor	Yngve	8	3	25	Compilation
Convenient Extra Stack	Victor	Yngve	10	3	5	Data Structures
Letter "FIG Publications"	George O.	Young III	2	6	176	FIG
Letter "Utility Packages"	George O.	Young III	3	1	3	Libraries
Project Benchmark	George O.	Young III	2	4	112	Benchmarks
Forth Semaphores	Jens	Zander	6	4	23	Multiprocessing
High-Level Packet Communication	Jens	Zander	6	5	32	Communications
Letter "6800 'Contemplations'"	Ronald	Zech	4	2	31	Errata
Quick DP in Forth	Len	Zettel	7	5	14	Applications
Checksum More	Len	Zettel	8	6	40	Math
Letter "Grandfather's DO LOOP"	Len	Zettle	8	1	7	Control Structures
Shuffled Random Numbers	Leonard	Zettle	8	3	31	Math
Forth for the 90's	Tom	Zimmer	13	1	12	Forths
Letter "Fast SEARCH for F83"	Bill	Zimmerly	8	4	5	Searching
Letter "PET Forth"	Mark	Zimmerman	1	4	45	Benchmarks
New FIG Board Members			13	6	31	FIG