Cube Lovers: Index by Date

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  - Bernard S. Greenberg: Singmaster
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  - Bernard S. Greenberg: The Higher Crosses
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  - Ed Schwalenberg: Re: Patterns, designs &c.
  - Alan Bawden: Patterns, designs &c.
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- Allan C. Wechsler: [no subject]
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- Mark Zimmermann: search-from-both-ends ultimate cube algorithm

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  - Alan Bawden: [no subject]
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  - Dave Dyer: solution sequence
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- David C. Plummer: A configuration symmetric wrt the first QTW
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- David C. Plummer: Administrata and an Algorithm
- James Saxe: 16 qtw algs for CC and H patterns
- David C. Plummer: Hackery (92 line message) (first of three)
- David C. Plummer: The higher order cubes (just the 4x4x4 for now) [93 lines]
- David C. Plummer: Notes on transforms on the 4x4x4 and 5x5x5 cubes. (65 lines)
- Bill McKeeman: Re: The higher order cubes (just the 4x4x4 for now) [93 lines]
- Allan C. Wechsler: Groups and Cayley Graphs
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- Bill McKeeman: Re: Befuddled by BFUDLR
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- Stan Isaacs: Stanford Rubik's Cube Club
- Stan Isaacs: nomenclature
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- Bill Vaughan: "Swirl Patterns"
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- [unknown name]: Ad in Popular Science
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- Dan Hoey: Pretty Patterns and Solutions
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- Stan Isaacs: cubes, barrels, and stuff
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- David C. Plummer: mailing list add request
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- Stan Isaacs: Non-twisting corner moves
- David C. Plummer: Non-twisting corner moves
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- Jerry Agin: Counting moves
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- Alan Bawden: problem
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- Chris C. Worrell: Re: 2edge-2corner swappers
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- Stan Isaacs: 10-sided cube
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- Chris C. Worrell: CUBE-POLL@MIT-MC
- Allan C. Wechsler: 12q relations.
- Don Lynn: Re: 10 sided "cube"
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- Robert H. Berman: [no subject]
- Thomas L. Davenport: Cube Song
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- Dennis L. Doughty: Practical use of the Rubik's cube/Speed cubing
- Bob Walker: Snake: **SPOILER**
- Bernard S. Greenberg: TV special
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- Stan Isaacs: cube query
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- Dan Hoey: Re: lower bounds
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- Chris C. Worrell: 4x4x4 TRANSFORMATION
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- **Clark M. Baker**: Supplement to the Oxford English Dictionary
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- **Dan Hoey**: MegaMinx and orientation theory
Oct 82
- Dan Hoey: The 2x2x2x2 magic tesseract
- Stan Isaacs: megaminx: octahedron

Nov 82
- Stan Isaacs: Re: megaminx: octahedron
- Allan C. Wechsler: "The Cube Lovers at MIT"
- Carolyn Tajnai: Pentominoes
- [unknown name]: Re: Pentominoes request
- Alan Bawden: [YEKTA: "Pentominoes"...]
- Dan Hoey: Pentominoes
- Dan Hoey: Pentominoes

Dec 82
- Richard Pavelle: [no subject]
- Richard Pavelle: material for Ripleys'
- phil servita: puzzle search
- Stan Isaacs: Megaminx
- phil servita: 4x4x4 competition
- Alan Bawden: The Archive & Administrivia
- Alan Bawden: Correction to previous message.
- Allan C. Wechsler: Hinton's cubes.
- Dave Dyer: article of interest.
- phil servita: 4x4x4 poll

Jan 83
- Stan Isaacs: Hinton's Cubes
- Alan Bawden: Humor
- Stan Isaacs: Other news
- Stan Isaacs: more on Hinton's Cubes
- Teri Pettit: 4-D Graphics Program
- Leonard N. Foner: Shortest sequence of moves?
- Stan Isaacs: Masquerade
- David C. Plummer: Shortest sequence of moves?
- Dan Hoey: The shortest sequence of moves.
- Stan Isaacs: Circle Puzzles
- Leonard N. Foner: The shortest sequence of moves.
- Alan Bawden: The shortest sequence of moves.
- Dan Hoey: Finding optimal processes
- Leonard N. Foner: The shortest sequence of moves.

Feb 83
- David C. Plummer: The shortest sequence of moves.
- Stan Isaacs: "6-T" pretty pattern
- Bernard S. Greenberg: 5 x 5 x 5
- JAY: NxNxN: Finite N
- Dan Hoey: Whole-Cubing

May 83
- James Saxe: Cubists do it . . .
- Ole J. Jacobsen: Anybody there?
- David C. Plummer: Anybody there?
- Stan Isaacs: anybody there: 5x5x5: circular
- Alan Bawden: [DCP: 5x5 cubes]
- Stan Isaacs: economics

Jun 83
- Dan Hoey: Eccentric Slabism, Qubic, and S&LM
- Stan Isaacs: 5x5x5 and "bricks"
- Stuart Stirling: Singmaster's "Cubic Circular"
- Alan Bawden: Bizarre Bricks
- Stan Isaacs: Cubic Circular address
- Stan Isaacs: double cube
- Alan Bawden: [Barry Margolin: double vision]

Jul 83
- Ken Cline: put me on your mailing list!

Nov 83
- Bernard S. Greenberg: Meffert cube availability
- Alan Bawden: Rubik's cube cornered
- Alan Bawden: [genrad!decvax!dartvax!andyb: Rubik's cube cornered]
- Tai Jin: cube solvers

Feb 84
- Alan Bawden: [CL.BOYER: A Programming Language for Group Theory (Dept. of Math)]

Jun 84
- Gil Gamesh: Recent Activity?
- Stan Isaacs: cubes dead?
- Bernard S. Greenberg: Recent Activity?
- Alan Bawden: The Cube meets Massive Parallelism

Jul 84
- Micheal Hewett: Please add me to your mailing list
- Haym Hirsh: God's number

Aug 84
- Dan Hoey: Pocket cube program
- Dan Hoey: The pocket cube: correction, calculation, and conjectures
- Dan Hoey: The pocket cube and corners of the full cube
- Dan Hoey: An outer automorphism of the cube group

Sep 84
- Michael Frishkopf: list request

Oct 84
- Rehmi Post: Archives
- Alan Bawden: Moleculon wins a round!
- Don Lynn: Re: Moleculon wins a round!

Feb 85
- Richard Pavelle: cube-freak

Mar 85
- Rodney Hoffman: 5-by-5-by-5
- David C. Plummer in disguise: 5-by-5-by-5
- [unknown name]: Please remove me from this list

**Apr 85**
- Dan Nichols: articles help
- Dan Nichols: information requests
- Craig L. Senft: Re: information requests
- Alan Bawden: information requests

**May 85**
- Rodney Hoffman: Re: information requests
- Rodney Hoffman: Re: information requests

**Jul 85**
- Alan Bawden: [alice!amo: Cube-lovers]
- Paul Silvey: Re: The elusive 5x5x5

**Sep 85**
- Rodney Hoffman: Puzzlers Club resurrected?
- Alan Bawden: Administrivia
- Alan Bawden: Puzzlers Club resurrected? & Administrivia
- Alan Bawden: Well, it kept me entertained for an evening.

**Oct 85**
- Alan Bawden: Has anybody heard of this?
- Rodney Hoffman: Skewbs
- Dan Nichols: group theory book
- Dan Nichols: group theory book
- Rodney Hoffman: Rubik's Revenge: The Group Theoretical Solution

**Nov 85**
- [unknown name]: mailing list
- John W. Knox: Re: mailing list
- Dan Nichols: new article

**Dec 85**
- Rodney Hoffman: Gift packs

**Jan 86**
- [unknown name]: "deltuf0%d"@lll-mfe.arpa
- TOMCHANY: [no subject]

**Mar 86**
- Rodney Hoffman: Eidswick article
- Bernard S. Greenberg: Eidswick article

**Apr 86**
- Alan Bawden: Cube-Lovers moves!

**Aug 86**
- Mark Wadsworth: 5x5x5
- Rodney Hoffman: Rubik Redux
- Peter Beck: CUBE EXCHANGE
- Bernie Cosell: Re: CUBE EXCHANGE
- Paul Mazzarel: Paraphernalia
- Peter Beck: singmaster's book
- Peter Beck: CUBE AVAILABILITY
- Andy Behrens: Re: Paraphernalia
- Peter Beck: HOFSTADTER
- Peter Beck: MEFFERT
- Bernard S. Greenberg: Paraphernalia
- Peter Beck: globe puzzle

- Sep 86
  - Peter Beck: [no subject]
  - Peter Beck: interlocking cube

- Oct 86
  - Peter Beck: rubiks magic
  - Peter Beck: rubiks magic
  - Richard Pavelle: Rubiks Magic

- Nov 86
  - David C. Plummer: rubiks magic
  - Haym Hirsh: SF Bay area availability of Rubik things
  - Allan C. Wechsler: rubiks magic
  - Bernie Cosell: Re: rubiks magic
  - Dan Hoey: Magic
  - Allan C. Wechsler: Magic
  - Dan Hoey: Magic
  - Buz Owen: 5 cube?

- Dec 86
  - Peter Beck: 5X5X5 AVAILABILITY
  - Alan Bawden: BITNET Redistribution of Cube-Lovers
  - Peter Beck: CUBE AVAILABILITY
  - Rodney Hoffman: Puzzle show
  - Peter Beck: slocum's book
  - Peter Beck: buz owens
  - Peter Beck: [no subject]
  - Jim Boyce: Magic: Construction
  - Peter Beck: 5X5X5 AVAILABILITY
  - Peter Beck: SOME CUBES
  - Peter Beck: slocums book
  - Peter Beck: magic review article
  - Marty Connor: [no subject]

- Jan 87
  - Peter Beck: bottleneck
  - Alan Bawden: The Archive & Administrivia
  - Paul Schauble: Sci. Am. reference needed
  - Peter Beck: recreational math
  - Peter Beck: magic variants
  - Bernie Cosell: Postscript on the Oxford RecMath series
  - Peter Beck: MEFFERT CORRECTION
  - Peter Beck: meffert

- Feb 87
  - Peter Beck: new magic version
  - Peter Beck: magic construction
○ Peter Beck: rubik's books

● Apr 87
○ Peter Beck: dc puzzle shops
○ Aaron R. Coles: Rubik's Cube
○ Dan Hoey: Rubik's Cube
○ [unknown name]: Re: Rubik's Cube
○ Peter Beck: rubiks square
○ Peter Beck: availability of cubes
○ Peter Beck: RUBIK'S "SQUARE"

● May 87
○ Alan Bawden: TOC Seminar -- Akos Seress -- Thursday May 28, 1987
○ Tom Long: Re: TOC Seminar -- Akos Seress -- Thursday May 28, 1987
○ Bernard S. Greenberg: A magyar kocka
○ Tom Long: Re: TOC Seminar -- Akos Seress -- Thursday May 28, 1987
○ Alan Bawden: TOC Seminar--Adi Shamir--Friday, May 22, 2:00PM
○ Alan Bawden: Shamir's talk really was about how to solve the cube!

● Jun 87
○ Peter Beck: PUZZLE TOUR EXHIBITION SCHEDULE UPDATE
○ Peter Beck: request for puzzles sources
○ Peter Beck: MAZES
○ Brian Matthews: Look for two books by Dmitri Borgmann
○ Eric Albert: Info on Dmitri Borgmann books
○ Peter Beck: INFO RQST ON DOMINOES
○ Peter Beck: DUTCH CLUB
○ Michael k Notch: Give or Take
○ J.HALLE: Re: Give or Take
○ Michael P. Smith: Palindromes
○ Kirk M Gramcko: Re: Give or Take
○ D.GERTLER: Re: Give or Take
○ Alan Bawden: recent random mail
○ Clive Dawson: Re: Give or Take
○ Clive Dawson: Re: recent random mail
○ Aaron Coles: Re: Give or Take
○ Dan Hoey: Groups of the larger cubes
○ Dan Hoey: Lower bounds for the 3^N cubes
○ Peter Beck: puzzle availability
○ Peter Beck: puzzle avaliability

● Jul 87
○ Rodney Hoffman: Puzzle shows
○ Dan Hoey: Planar positions of Rubik's Magic

● Aug 87
○ Peter Beck: TILING BOOKS
○ Peter Beck: PASTIME JIGSAW PUZZLES
○ Peter Beck: FRACTALS

● Sep 87
○ Peter Beck: dutch newsletter #15
○ Rob Davenport: Where's ITC?
● Oct 87
  ○ Peter Beck: ROTA & GD TIMES, BAD TIMES
  ○ Rodney Hoffman: Rubik's Magic article
  ○ Peter Beck: MAZES
  ○ Andrew Balen Philips: More Expensive Cubes
  ○ David Tilbrook: Re: More Expensive Cubes

● Nov 87
  ○ Peter Beck: CMU CUBE RESEARCHERS
  ○ Peter Beck: MAGIC VARIANT
  ○ Bernie Cosell: Deluxe Magic
  ○ phil servita: in search of...
  ○ Allan C. Wechsler: Deluxe Magic
  ○ Allan C. Wechsler: Deluxe Magic
  ○ Peter Beck: WORLD GAME REVIEW
  ○ Bernie Cosell: New "Recreations in Math" editions
  ○ [unknown name]: Re: New "Recreations in Math" editions
  ○ Peter Beck: CUBE DAY 87

● Dec 87
  ○ Peter Beck: WHO'S WHO OF PUZZLES
  ○ Peter Beck: WHO'S WHO OF PUZZLES
  ○ Peter Beck: cff #16
  ○ Peter Beck: jigsaws

● Mar 88
  ○ Sergiu Hart: Subscription
  ○ Alan Bawden: Subscription
  ○ Peter Beck: magic polyhedra
  ○ Allan C. Wechsler: Magic Polyhedra and parity constraints

● May 88
  ○ Peter Beck: new puzzles
  ○ Peter Beck: JIGSAW PUZZLE EXHIBIT
  ○ Peter Beck: cube museum
  ○ Sergiu Hart: subscription

● Jun 88
  ○ Peter Beck: cube memorabilia
  ○ Per Starb{ck: Early patents
  ○ Peter Beck: patents
  ○ Peter Beck: HEXAGON MAGIC VARIATION
  ○ Peter Beck: cff #17

● Jul 88
  ○ [unknown name]: Hope this is correct?
  ○ Peter Beck: New RECREATIONS IN MATH editions - Rubik's Cubic Compendium
  ○ Rodney Hoffman: Rubik's Clock
  ○ Rodney Hoffman: Rubik's Clock

● Aug 88
  ○ Rodney Hoffman: Re: Rubik's Clock
  ○ Peter Beck: UPDATE ON RUBIKS BOOK

● Oct 88
- Peter Beck: GAMES FAIR
- Peter Beck: CFFF #18
- Peter Beck: RUBIK'S CLOCK

- Dec 88
  - Peter Beck: cff #19

- Feb 89
  - Peter Beck: what's new

- Mar 89
  - Clive Dawson: Force Field
  - Richard Pavelle: Impossible object puzzle
  - GONZALEZ: info
  - Peter Beck: REINTRODUCTION OF CUBES

- Apr 89
  - Peter Beck: CFF #20 3/89

- Jun 89
  - Rodney Hoffman: PUZZLE PARTY / PUZZLE BOOK

- Aug 89
  - Peter Beck: cff #21
  - Richard Pavelle: the 3x3
  - Allan C. Wechsler: the 3x3

- Sep 89
  - Howard D. Look: Solution Algorithm

- Oct 89
  - Peter Beck: [To: PBECK: new cube puzzle]
  - Allan C. Wechsler: [To: PBECK: new cube puzzle]

- Dec 89
  - Roland Zito-wolf: an interesting talk

- Jan 90
  - Peter Beck: CFF
  - Dan Hoey: Re: Cubism for Fun
  - Per Starb{ck: CFF
  - Amin Shafie: SIGUCCS CALL for PARTICIPATION
  - Peter Beck: puzzle exhibit

- Feb 90
  - Dan Hoey: Language in Rubik's Cubic Compendium
  - CAN WE MAKE A STATE: Re: Language in Rubik's Cubic Compendium
  - GREGORY LOVE: REMOVE PLEASE

- Mar 90
  - Stan Schwartz: Looking for Chinese puzzle box
  - Peter Beck: [To: cube-lovers: nob newsletter]
  - Brian E. Gallew: Cube opinions needed

- Apr 90
  - Peter Beck: cff #23

- Oct 90
  - Alan Bawden: Testing 1 2 3
  - Alan Bawden: [alan@ai.mit.edu: Surprise!]
  - Alan Bawden: Second Announcement
Peter Beck: [To: cube-lovers-incoming@csl.: algorithm]
Alan Bawden: Archives again
Peter Beck: puzzling events
Peter Beck: puzzling newsletters
Peter Beck: oxford press books
Peter Beck: puzzling events expanded

- Nov 90
  - Peter Beck: [To: cube-lovers: CFF #24]
  - Dan Hoey: Rubik's Cube reassembly problem and solution
  - Haym Hirsh: Re: Rubik's Cube reassembly problem and solution
  - Dik T. Winter: Re: Rubik's Cube reassembly problem and solution
  - Haym Hirsh: Re: Rubik's Cube reassembly problem and solution
  - Robert Clark: Rubik's Cube Variants?
  - Rod Chapman: hello there
  - Haym Hirsh: Re: Rubik's Cube Variants?
  - Richard Pavelle: hello there
  - Dan Hoey: Re: Rubik's Cube reassembly problem and solution
  - Peter Beck: Re: Rubik's Cube Variants?
  - Peter Beck: bottleneck and

- Dec 90
  - Peter Beck: rec & ed computing
  - Bernie Cosell: Re: rec & ed computing
  - Peter Beck: Re: rec & ed computing
  - [unknown name]: Re: construction project
  - Jeannine Mosely: Peter Beck's construction project

- Mar 91
  - Ronnie Kon: Is Meffert still around?
  - Dale I. Newfield: 5x5x5 Cube
  - Peter Beck: meffert
  - Peter Beck: tcf 91
  - Peter Beck: more on tcf

- Apr 91
  - Peter Beck: tcf correction
  - Peter Beck: puzzle party review
  - Ronnie Kon: 5-cube in a game store!!!
  - Michael Cramer: Re: 5-cube in a game store!!!
  - Haym Hirsh: rubik's magic alternate coloring
  - Andy Latto: rubik's magic alternate coloring

- May 91
  - Dale I. Newfield: Re: 5-cube in a game store!!!
  - Michael Cramer: Re: 5-cube in a game store!!!
  - Ronnie Kon: Patterns on the order 5 cube
  - Ronnie Kon: 5by cubes
  - Ronnie Kon: Rubik's tangle
  - Michael Cramer: Re: 5by cubes
  - Andy Latto: 5by cubes
  - Dale I. Newfield: Re: Rubik's tangle
- Dale I. Newfield: Re: 5by cubes
- Michael Cramer: Re: 5by cubes
- Michael Cramer: ARGGHHH!! [was: 5by cubes]
- Dale I. Newfield: Re: 5by cubes
- Guy Steele: 5by cubes
- Dan Hoey: Very silly ways of building very large cubes (was Re: 5by cubes)
- Andy Latto: 5by cubes
- Ronnie Kon: Re: 5by cubes
- Ronnie Kon: Re: ARGGHHH!! [was: 5by cubes]
- Michael Cramer: Re: ARGGHHH!! [was: 5by cubes]
- Peter Beck: bilinski rhombicdodecahedron
- Gene Dillon Parker: mailing list
- Peter Beck: slide
- Jun 91
  - Patsy Gillen: [no subject]
- Jul 91
  - Peter Beck: chess variants
  - Peter Beck: world game review
- Aug 91
  - Peter Beck: last cube
  - Rodney Hoffman: New from Rubik
  - Ronnie Kon: Re: New from Rubik
  - Dale I. Newfield: New "CUBE"
  - Dik T. Winter: Re: New "CUBE"
- Sep 91
  - phil servita: Square One
- Nov 91
  - Chris Worrell: What is the smallest cube which has all possible types of pieces?
  - Dik T. Winter: Re: What is the smallest cube which has all possible types of pieces?
  - Ronnie Kon: Re: What is the smallest cube which has all possible types of pieces?
  - Timo Jokitalo: Square One
  - GREG SCHMIDT: [no subject]
  - Norman Diamond: subscribe
  - Dan Hoey: Rubik's Cube question
  - Gerry Wildenberg: mailing list
  - Peter Beck: puzzle shows
  - Peter Beck: book review
- Dec 91
  - Peter Beck: rubik's tangle, etc
  - TEE LUNS: 7x7x7
  - Peter Beck: collectors directory
  - Ronnie Kon: A Sam Loyd Rubik puzzle unearthed!!!
  - Dan Hoey: Rubik's cube dice tops
  - Dan Hoey: Big groovy cubes, revisited
  - Allan C. Wechsler: Big groovy cubes, revisited
  - Dan Hoey: Re: Rubik's cube dice tops (Spoiler)
- Jan 92
- Carl J Raymond: Subscribe
- Bernie Cosell: Hungarian Rings solution?
- Dik T. Winter: Re: Hungarian Rings solution?
- John Francis: Square One
- Bernie Cosell: Re: Hungarian Rings solution?
- Dik T. Winter: Re: Hungarian Rings solution?
- Rodney Hoffman: Re: Square One
- The Phantom: [no subject]
- Dan Hoey: Rubik's Cube, the minimax number of moves
- Timo Jokitalo: Re: Rubik's Cube, the minimax number of moves
- Dan Hoey: Re: Rubik's Cube, the minimax number of moves
- Allan C. Wechsler: Re: Rubik's Cube, the minimax number of moves
- Dan Hoey: A new upper bound: 91 QT
- Carl J Raymond: Cube software
- Allan C. Wechsler: A new upper bound: 91 QT
- Robin Becker: Minimove Solution
- Carl J Raymond: Cube software
- Galen Tatsuo Komatsu: Rubik's Magic Clock & Triamid
- Timo Jokitalo: Re: Rubik's Magic Clock & Triamid
- Peter Beck: cff
- michael reid: Re: Rubik's cube dice tops (Spoiler)
- Bill Taylor: subgroups

- Feb 92
  - Peter Beck: news
- Mar 92
  - Peter Beck: 12 th puzzle party
- Apr 92
  - Peter Beck: puzzle rings
  - Bill Taylor: God's algorithm
  - michael reid: Re: God's algorithm
  - Chris Worrell: Some solutions to Rubik's Tangle have been found.
  - Peter Andrew Lopez: Re: Some solutions to Rubik's Tangle have been found.
  - Don Woods: Re: Some solutions to Rubik's Tangle have been found.
  - Allan C. Wechsler: Some solutions to Rubik's Tangle have been found.
  - Don Woods: Description of Rubik's Tangle
  - Chris Worrell: Description of Tangle, Part 2
  - michael reid: an upper bound on god's number
  - Timo Jokitalo: Re: an upper bound on god's number
- May 92
  - Dik T. Winter: Are we approaching God's algorithm?
  - michael reid: Re: Are we approaching God's algorithm?
  - Dik T. Winter: Re: Are we approaching God's algorithm?
  - michael reid: Re: Are we approaching God's algorithm?
  - Dik T. Winter: More on the Cube (2x2x2 in this case).
  - michael reid: Re: More on the Cube (2x2x2 in this case).
  - Dan Hoey: Diameter of the 2^3 cube and the 3^3 corners
  - Dik T. Winter: Re: Diameter of the 2^3 cube and the 3^3 corners

http://www.math.rwth-aachen.de/~Martin.Schoenert/Cube-Lovers/
Dik T. Winter: Kociemba's algorithm
Dik T. Winter: Kociemba's algorithm
Dik T. Winter: My program is too fast ;-)
michael reid: Re: My program is too fast ;-).
michael reid: kociemba's algorithm
Dik T. Winter: Re: My program is too fast ;-).
Don Woods: Re: Kociemba's algorithm
Dik T. Winter: Re: Kociemba's algorithm
Dik T. Winter: Kociemba's algorithm
michael reid: assorted results
Dik T. Winter: Re: assorted results
michael reid: Re: assorted results
Dik T. Winter: Re: assorted results
michael reid: new upper bound
Dik T. Winter: New upper bound on God's algorithm for Rubik's cube
michael reid: Re: New upper bound on God's algorithm for Rubik's cube
Dik T. Winter: Re: New upper bound on God's algorithm for Rubik's cube
michael reid: details ...
Dik T. Winter: Program bug, and new ideas. Will they work?
Dik T. Winter: Corrected calculations are now done.
Hans Kloosterman:Lower-bound Kociemba's algorithm
Dik T. Winter: Re: Lower-bound Kociemba's algorithm
Dik T. Winter: Re: Lower-bound Kociemba's algorithm
Hans Kloosterman: Re: Lower-bound Kociemba's algorithm
Dik T. Winter: Re: Lower-bound Kociemba's algorithm

Jun 92

Dik T. Winter: How big is the Magic Domino? (part2, data)
Dik T. Winter: How big is the Magic Domino?
Dik T. Winter: Magic Domino part3
Bill Taylor: Name query.
Ronnie Kon: Re: Name query.
Kees Goet - Landbouwuniversiteit, Afd. I&D: Unsubscribe
STEFANO BONACINA: Signoff
Alan Bawden: Please do not bother everybody with administrative requests
Guy Steele: Name query.
Allan C. Wechsler: Name query.
Dik T. Winter: Re: Name query. Actually reminiscences.
Gerry Wildenberg: Remove me from this list.
Allan C. Wechsler: Re: Name query. Actually reminiscences.
Bill Taylor: reminiscences
michael reid: Re: reminiscences
Paul STevens - MACC - 2-9618: Re: reminiscences
[unknown name]: Ultimate cube
Dan Hoey: Re: Ultimate cube
Peter Beck: ultimate cube
der Mouse: Re: ultimate cube
- **Peter Beck**: ultimate cube, correction
- **Timo Jokitalo**: Please, quick, I need the address of the new puzzle shop in Amsterdam
- **Timo Jokitalo**: [no subject]

**Jul 92**
- **Paul Hardy**: Re: Name query.
- **Alan Bawden**: [nick@lcs.mit.edu: In-sol-u-bil-i-tyyyy!]

**Aug 92**
- **Mark Longridge**: cube theory
- **Dan Hoey**: Re: cube theory
- **Peter Beck**: smart alex - new puzzle
- **Peter Beck**: mazeland
- **Dan Hoey**: Re: subgroups
- **Allan C. Wechsler**: Re: subgroups
- **Alan Bawden**: Archives
- **michael reid**: Re: subgroups
- **Ronnie B. Kon**: Back to the 16th century
- **Mark Longridge**: rare variants

**Sep 92**
- **Norman Diamond**: Re: rare variants
- **Ronnie B. Kon**: Re: rare variants
- **Norman Diamond**: Re: rare variants
- **Don Woods**: Re: rare variants
- **Norman Diamond**: Re: rare variants
- **Mark Longridge**: pyraminx revisited
- **Mark Longridge**: pyraminx revisited
- **Tom Granvold**: Re: pyraminx revisited
- **Mark Longridge**: pyraminx revisited
- **Matthew John Bushey**: cubes are great
- **Yekta Gursel**: cubes are great
- **Guy Steele**: cubes are great
- **Derek Bosch**: Gaby Games address needed
- **Ronnie B. Kon**: Re: cubes are great

**Oct 92**
- **Al Zimmermann**: Reminiscences
- **Norman Diamond**: Re: miniscences
- **Warner Losh**: Quick question....
- **Peter Beck**: 13th IPP (1993)

**Nov 92**
- **Haym Hirsh**: masterball
- **Al Zimmermann**: Re: masterball
- **Peter Beck**: RE: MASTERBALL
- **Yekta Gursel**: MASTERBALL
- **Dik T. Winter**: Where are the archives?
- **Dik T. Winter**: Where are the archives?
- **Alan Bawden**: Where are the archives?
- **Dik T. Winter**: Reply to old message
- **Peter Beck**: ishi's phone number
- George Cornelius Kuhl: cube question
- Allan C. Wechsler: cube question
- Peter Beck: ATLANTA Puzzle Party & exhibition

- Jan 93
  - Mark Longridge: computer cubing

- Mar 93
  - Carl J Raymond: Seeking magic dodecahedron
  - Joseph Louis Long: Re: Seeking magic dodecahedron
  - Peter Beck: cubing
  - Bernie Cosell: Re: Seeking magic dodecahedron
  - Peter Beck: square-1

- Apr 93
  - [unknown name]: 3x3x3 puzzles and other lists?

- May 93
  - Bernie Cosell: Ishi International Puzzles. NEW! (fwd)

- Jun 93
  - Dik T. Winter: Contents of CFF31
  - Matthias Drobel: <None>
  - Richard Burd Macdonald: [no subject]

- Jul 93
  - Dan Hoey: Rubik's Shrimp
  - [unknown name]: New idea for a puzzle
  - Ronnie B. Kon: Hint wanted for 4x4x4
  - Norman Diamond: Re: Hint wanted for 4x4x4
  - Dik T. Winter: Re: Hint wanted for 4x4x4
  - Dan Hoey: Re: Hint wanted for 4x4x4
  - Michael Cramer: Re: Hint wanted for 4x4x4
  - Dan Hoey: Oops... Re: Hint wanted for 4x4x4
  - Tom G. Miller: Re: Hint wanted for 4x4x4
  - Ronnie B. Kon: Re: Hint wanted for 4x4x4

- Aug 93
  - Dik T. Winter: Fitting puzzle solved
  - Dik T. Winter: Diameter of cube group?
  - Bill Taylor: re: Diameter of cube group?
  - Dik T. Winter: Kociemba's algorithm
  - Allan C. Wechsler: Diameter of cube group?
  - Ronnie B. Kon: Re: Diameter of cube group?
  - Dik T. Winter: Re: Diameter of cube group?
  - Dik T. Winter: Re: Diameter of cube group?
  - [unknown name]: Square-1 Puzzle Party
  - Chris Worrell: Re: Square-1 Puzzle Party
  - Dale I. Newfield: Tangle (Was: Re: Square-1 Puzzle Party)
  - Michael Thwaites: cube tail?
  - [unknown name]: Tangle (Was: Re: Square-1 Puzzle Party)
  - Dale I. Newfield: Re: Tangle (Was: Re: Square-1 Puzzle Party)
  - Mark Longridge: SQUARE'S GROUP ANALYSIS
  - Mark Longridge: CUBES (OF COURSE!)
• Mark Longridge: Cubes (of course)
• Mark Longridge: Square's group
• Dan Hoey: Re: Squares group
• Dan Hoey: Squares group, correction
• Allan C. Wechsler: Diameter of cube group?
• Dave Ring: pointy tails
• michael reid: Re: Diameter of cube group?
• Dik T. Winter: Re: Diameter of cube group?
• Dik T. Winter: Re: Diameter of cube group?
• Dik T. Winter: CFF 32 table of contents
• Alan Bawden: Tools lost in the mists of time...
• Dan Hoey: Tartan reborn (Re: Tools lost in the mists of time...)
• michael reid: Re: Diameter of cube group?
• Dik T. Winter: Re: Diameter of cube group?
• michael reid: Re: Diameter of cube group?
• Dik T. Winter: Re: Diameter of cube group?

• Sep 93
  • [unknown name]: [no subject]

• Oct 93
  • Carl J Raymond: Seeking 5x5x5 cube
  • Ricardoh Queiroz: Re: Seeking 5x5x5 cube
  • Carl J Raymond: Re: Seeking 5x5x5 cube
  • Michael Cramer: Re: Seeking 5x5x5 cube
  • Ronnie B. Kon: Re: Seeking 5x5x5 cube
  • Gerry Howser: Stiff and/or misaligned cubes
  • Patrick DEMICHEL: help
  • Norman Diamond: RE: help
  • Peter Beck: golden solids
  • Mark Longridge: Cube Patterns

• Dec 93
  • Jerry Bryan: First Post
  • Jerry Bryan: God's Algorithm for the 2x2x2 Pocket Cube
  • Jerry Bryan: God's Algorithm for the Corners of the 3x3x3
  • Jerry Bryan: God's Algorithm for the Edges of the 3x3x3
  • Jerry Bryan: Addendum to God's Algorithm for the 2x2x2 Cube
  • Jerry Bryan: Equivalence Classes for God's Algorithm for Edges of 3x3x3
  • Jerry Bryan: God's Algorithm, 24-fold Symmetry, Edges of 3x3x3
  • Dan Hoey: Re: God's Algorithm, 24-fold Symmetry, Edges of 3x3x3
  • Zaf: [no subject]
  • Jerry Bryan: Re: God's Algorithm, 24-fold Symmetry, Edges of 3x3x3
  • Jerry Bryan: Unique Antipodal of the 3x3x3 Edges
  • Mark Longridge: Unique antipode of edges only
  • Alan Bawden: Unique Antipodal of the 3x3x3 Edges
  • Jerry Bryan: Re: Unique antipode of edges only
  • der Mouse: Re: Unique Antipodal of the 3x3x3 Edges
  • Chris Worrell: Re: Unique antipode of edges only
  • Eric Moyer: cube availability
Andy Latto: Unique Antipodal of the 3x3x3 Edges
Tom Granvold: Re: cube availability
Semyon Basin: Needed: Basic elements of solving Rubic Cube;
David Seal: Re: Unique antipode of edges only
Andy Latto: Unique antipode of edges only
Jerry Bryan: Re: Unique antipode of edges only
Dan Hoey: Re: Unique antipode of edges only
Jerry Bryan: Re: Unique antipode of edges only
Semyon Basin: [no subject]
Mark Longridge: Antipodal Edge Position
Jerry Bryan: 1152-fold Symmetry and 24-fold Symmetry
Mark Longridge: More corrections
Jerry Bryan: Pretty Pattern at Level 13
Jerry Bryan: Pretty Pattern (again)
Jerry Bryan: That's all the 48-Fold Symmetries
der Mouse: Re: Needed: Basic elements of solving Rubic Cube:
Dan Hoey: Symmetry
Mr Anand Rao: Tangle
Dale I. Newfield: Re: Tangle
Douglas E. Hoch: List removal
Jerry Bryan: Re: Symmetry.
Don Woods: Re: Tangle
Mark Longridge: Lib of Congress
Mark Longridge: 6 X order 3
Mark Longridge: Part 2
Dale I. Newfield: Re: Description of Tangle, Part 2
Mr Anand Rao: Re: Tangle
Mr Anand Rao: Re: Description of Tangle, Part 2
Don Woods: Re: Description of Tangle, Part 2
Dik T. Winter: Re: Description of Tangle, Part 2
Dik T. Winter: Re: Description of Tangle, Part 2
Mr Anand Rao: Re: Description of Tangle, Part 2
Mr Anand Rao: Re: Description of Tangle, Part 2
Andy Latto: Description of Tangle, Part 2
Jerry Bryan: Duality of Operators and Operatees
Mr Anand Rao: Re: Description of Tangle, Part 2
Dik T. Winter: Re: Description of Tangle, Part 2
Jerry Bryan: Some Additional Distances in the Edge Group
Jerry Bryan: Size of the Cube Group
Jerry Bryan: Re: Size of the Cube Group
Jerry Bryan: Second Addendum - Size of Cube Group under M
Jan de Ruiter: [no subject]
Jerry Bryan: Process for Antipodal of the Edge Group
Jan de Ruiter: [no subject]
MALONE MATTHEW JAMES: Please remove ...
Don Woods: Re: Search order of Tangle
Mr Anand Rao: Re: your mail
- Peter Beck: test
- Jan de Ruiter: [no subject]
- Jerry Bryan: 9 Qturn Sequence for All-Edges-Flipped in the Edge Group
- Peter Beck: puzzle party
- Peter Beck: puzzle party
- Dan Hoey: The 4^3 and 3^4 Rubik puzzles
- Jan de Ruiter: [no subject]
- Mr Anand Rao: Re: your mail
- Jerry Bryan: Withdrawal of Proposal
- Mark Longridge: Local Maxima Revisited
- Mark Longridge: Cube Rotations
- Dan Hoey: Group theory basics (Re: Symmetry)
- Dik T. Winter: Re: Group theory basics (Re: Symmetry)
- Dan Hoey: Re: Some Additional Distances in the Edge Group
- Dan Hoey: Re: Cube Rotations
- Dan Hoey: Correction Re: Some Additional Distances in the Edge Group

Jan 94
- Don Woods: 10x10 Tangle
- Dik T. Winter: Re: 10x10 Tangle
- Jan de Ruiter: [no subject]
- Don Woods: Re: 10x10 Tangle
- Jan de Ruiter: [no subject]
- Don Woods: Re: 10x10 Tangle
- Don Woods: tangled cube
- Judi Harris: Volunteers Requested
- Jan de Ruiter: [no subject]
- der Mouse: [no subject]
- Jerry Bryan: Which is the Real Start?
- der Mouse: Re: Which is the Real Start?
- Dan Hoey: Combining conjugacy classes
- Dan Hoey: Re: Which is the Real Start?
- Jerry Bryan: Square Brackets
- Jerry Bryan: An Alternate Analysis of B
- Peter Beck: Mickey's Challenge
- Jerry Bryan: Character Test, Please Ignore
- Jerry Bryan: Some Proposed Terminology
- Jerry Bryan: Some Terminology Concerning B
- Jerry Bryan: Calculating |G\M|
- Jerry Bryan: Calculating |G\M| (Three Typos)
- [unknown name]: Mickey's Challenge
- Jerry Bryan: |G\M| - Some Trivial Partial Results
- [unknown name]: Rubik chaos?
- Mark Longridge: Andras Mezei's Book
- Jerry Bryan: |G\M| - the Nineteen Cases We Know
- Mark Longridge: 4x4x4 Cube moves
- M. Haapanen: Re: 4x4x4 Cube moves
- Ishi Press International: Skewb. 5x5x5 cubes available
- [unknown name]: Mickey's Challenge
- Ishi Press International: 4x4x4 and 5x5x5 cubes.
- der Mouse: Re: 4x4x4 and 5x5x5 cubes.
- Michael Cramer: Re: Skewb, 5x5x5 cubes available
- Mark Longridge: Higher Order Cubes, correction
- Mark Longridge: Higher Order Cubes
- Michael Cramer: Re: Higher Order Cubes
- der Mouse: Re: Higher Order Cubes
- Mark Longridge: 4x4x4 & 5x5x5 processes
- Jerry Bryan: Number of M-Conjugate Classes for GC\M
- David Seal: Re: Higher Order Cubes
- der Mouse: Re: Higher Order Cubes
- M. Haapanen: Re: 4x4x4 & 5x5x5 processes
- Dan Hoey: Re: Some Proposed Terminology
- Wallace Sartori Bonfim: ICSI94
- Dan Hoey: Concerning B, CSymm, and Symm

- Feb 94
  - [unknown name]: Computer & Health
  - Jerry Bryan: Re: Some Proposed Terminology
  - Mr. Anand Rao: Re: Mickey's Challenge
  - Jan de Ruiter: [no subject]
  - Rob.: Add a name, please...
  - Mark Atwood: Book - "Simple Solution To Rubik's Cube"
  - Mr. Anand Rao: Re: your mail
  - Meisha n Thompson: Puzzle

- Mar 94
  - Jan de Ruiter: [no subject]
  - Peter Hiscocks: Anyone solved Rubik's Tangle?
  - Don Woods: Re: Anyone solved Rubik's Tangle?
  - Mr. Anand Rao: Re: Anyone solved Rubik's Tangle?
  - [unknown name]: Mailing List

- Apr 94
  - Mark Longridge: Invariant Shifting
  - Peter Beck: puzzle boxes
  - Ishi Press International: puzzle boxes
  - Matthew Moss: About Rubix's tetrahedron...
  - Mark Longridge: More Sq Notes
  - Mark Longridge: More Shifting
  - David A. Bagley: Mailing List
  - David A. Bagley: Mailing List
  - Izak van Langevelde: Cubism for Fun
  - Izak van Langevelde: Cubism for Fun
  - Dik T. Winter: Re: Cubism for Fun
  - Dik T. Winter: CFF33
  - Greg Schmidt: Re: Cubism for Fun and Games
  - Greg Schmidt: Re: Cubism for Fun and Games (Correction and Apologies!)
  - Jeffrey M. Cox: Unsubscribe
- Ronnie B. Kon: Re: Unsubscribe
- Alan Bawden: Unsubscribe
- Jerry Slocum: Mechanical Puzzles
- David A. Bagley: Re: Mechanical Puzzles

- May 94
  - Do Anh Vu: Request to unsubscribe from Cube-Lovers list
  - Peter Beck: rubik's 94 items
  - Peter Beck: PIONEER PUZZLES
  - Jerry Bryan: Modelling Centerless Cubes
  - ishius@holonet.net: ISHI PRESS MAILING LIST!
  - David A. Bagley: xrubik
  - Jerry Bryan: Branching Factors and God's Algorithm Search Trees

- Jun 94
  - Joel Franklin: [no subject]
  - R. PRAKASH: [no subject]
  - Jerry Bryan: Comments on Cube Lengths (Long, 1 of 2)
  - Jerry Bryan: Comments on Cube Lengths (Long, 2 of 2)

- Jul 94
  - Toshi Kato: Cube-Lovers ML
  - Toshi Kato: SBP "Magic sQ"
  - der Mouse: Re: SBP "Magic sQ"
  - Toshi Kato: Re: SBP "Magic sQ"
  - Mark Longridge: DOTC 1.4 is done
  - Toshi Kato: A real robot solve the Rubik's Cube but...
  - Jerry Bryan: God's Algorithm, Additional Level
  - Dale Newfield: Re: A real robot solve the Rubik's Cube but...
  - Toshi Kato: Re: A real robot solve the Rubik's Cube but...
  - Norman Diamond: Re: A real robot solve the Rubik's Cube but...
  - Toshi Kato: Re: A real robot solve the Rubik's Cube but...
  - Jerry Bryan: More on Centerless Cubes
  - Jerry Bryan: God's Algorithm, Minor Progress, Q+H

- Aug 94
  - Toshi Kato: HIKIMI Wooden Puzzle Competition
  - Ybanez Sheldon: Cube Availability?
  - Mark Longridge: < U, R> Group
  - Jerry Bryan: Re: < U, R> Group
  - Jerry Bryan: GC Local Maxima, Additional Information
  - Jerry Bryan: Updated Upper Limits, Q-turns
  - der Mouse: Re: Updated Upper Limits, Q-turns
  - Jerry Bryan: Re: Updated Upper Limits, Q-turns
  - Jerry Bryan: Analysis of Turns Towards Start for Whole Cube
  - Jerry Bryan: Re: Updated Upper Limits, Q-turns
  - Dan Hoey: Re: Updated Upper Limits, Q-turns
  - Jerry Bryan: Re: < U, R> Group

- Sep 94
  - Mark Longridge: < U, R > revisited
  - Jerry Bryan: Re: < U, R > revisited (with Local Maxima)
- Mark Longridge: More UR Stuff!
- Jerry Bryan: God's Algorithm, Q-Moves Through Level 10
- Jerry Bryan: M-Conjugate Classes as a Group
- Jerry Bryan: Re: < U, R> Group
- Jerry Bryan: Re: < U, R> Group (W-conjugate results)
- David A. Bagley: X-Puzzles
- ishius@holonet.net: COMMERCIAL: Penrose, Cutler, Masterball

Oct 94
- Mark Longridge: < U, R > Processes
- Jerry Bryan: Re: < U, R> Group -- Q+H
- Dik T. Winter: CFF 34, summary of contents
- David Kaspar: You are my only hope...
- Nicolas G. Pedrajas: help!
- Mark Longridge: Cross and X's
- Martin Schoenert: Shift invariant processes
- Diana Bisel: [no subject]
- Daniel P. Maloney: [no subject]
- Kevin Dowling: MIT
- Derek Bosch: Fast cubing
- Gerry Howser: Record times for the cube
- Norman Diamond: Re: Record times for the cube
- Diana Bisel: other games
- Ybanez Sheldon: Solution..
- Jerry Bryan: Re: Solution..
- Jerry Bryan: Re: Solution..
- Dan Hoey: Cube colors and face names
- Mark Longridge: Shift Invariant Part 2
- Mark Longridge: Speed Cubing
- Jerry Bryan: Re: Speed Cubing
- Ybanez Sheldon: Re: Speed Cubing
- Martin Schoenert: Re: Shift Invariant Part 2
- Brett Stevens: [no subject]
- Brett Stevens: diameter
- Brett Stevens: diameter
- Alan Bawden: Administrivia
- Jerry Bryan: Speed Cubing Path Lengths

Nov 94
- Dik T. Winter: Re: Speed Cubing Path Lengths
- Dave Eaton: Is there a symbolic cube program?
- Daniel P. Maloney: Help ma, please!
- Alan Bawden: Help ma, please!
- Dan Hoey: The real size of cube space
- Mark Longridge: Shifty Invariance
- Jerry Bryan: Re: Shifty Invariance
- Martin Schoenert: Re: Shifty Invariance
- Martin Schoenert: Re: The real size of cube space
- Dan Hoey: Re: The real size of cube space
Jerry Bryan: Re: The real size of cube space
Dave Eaton: Re: Is there a symbolic cube program?
Derek Bosch: Re: Is there a symbolic cube program?
Carl Raymond: Re: Is there a symbolic cube program?
Derek Bosch: Symbolic cube program
Dan Hoey: Re: Symbolic cube program
Mark Longridge: <U, R> Searches
Jerry Bryan: Re: <U, R> Searches
Jerry Bryan: Re: <U, R> Searches
Peter Beck: SYMBOLIC PROGRAMS
Dave Eaton: SYMBOLIC PROGRAMS
Mark Longridge: <U, R> Antipode!
Jerry Bryan: Re: <U, R> Antipode!
Dik T. Winter: Re: <U, R> Antipode!
Jerry Bryan: Re: <U, R> Antipode!
Dik T. Winter: Re: <U, R> Antipode!
Jerry Bryan: Re: Antipode
Jerry Bryan: <U,R> Q vs. Q+H Distances from Start
Jerry Bryan: <U,R> Q vs. Q+H Distance to Start -- All Positions
Jerry Bryan: Antipodes Revisited

Dec 94

Ivan Filippenko: Rubik's Cube, natch
Martin Schoenert: Group Slang in Cube Lovers
Martin Schoenert: Cube Lovers on the World Wide Web
Martin Schoenert: Corrections
Martin Schoenert: A lemma that is *not* Burnside's
Martin Schoenert: Models for the Cube
Martin Schoenert: Cayley Graphs
Martin Schoenert: Permutation Representations for Magic Polyhedra
Martin Schoenert: Distance Respecting Automorphisms
Martin Schoenert: Group Products
Jerry Bryan: Re: Models for the Cube
Jerry Bryan: Re: Models for the Cube
Jerry Bryan: Re: Cayley Graphs
Aaron Coles: Cubes
michael reid: Re: Cayley Graphs
Jerry Bryan: Re: Models for the Cube
Wei-Hwa Huang: Newbie
Jerry Bryan: Normal Subgroup Question
Martin Schoenert: Re: Re: Models for the Cube
Martin Schoenert: Re: Re: Models for the Cube
Jerry Bryan: Cubic Symmetry of the 2x2x2 (Again)
Jerry Bryan: Re: Re: Models for the Cube
Wei-Hwa Huang: Newbie
Jerry Bryan: Normal Subgroup Question
Martin Schoenert: Re: Re: Models for the Cube
Martin Schoenert: Re: Re: Models for the Cube
Jerry Bryan: Cubic Symmetry of the 2x2x2 (Again)
Jerry Bryan: Re: Re: Models for the Cube
Mark Longridge: Cyclic Decomposition
Allan C Wechsler: Cyclic Decomposition
[unknown name]: A comment on Cyclic Decomposition
Tim Rentsch: Re: Cyclic Decomposition
michael reid: Re: Cyclic Decomposition
Chris Worrell: correction on my previous message,
Tim Rentsch: Re: Cyclic Decomposition
Jerry Bryan: How Big is Big?
michael reid: planning in permutation groups
Jerry Bryan: Re: How Big is Big?
Jerry Bryan: Re: How Big is Big?
der Mouse: Re: How Big is Big?
Dik T. Winter: Re: How Big is Big?
Jerry Bryan: Re: How Big is Big?
der Mouse: Re: How Big is Big?
Jerry Bryan: Re: How Big is Big?
Allan C Wechsler: How Big is Big?
[unknown name]: MAILING LIST
Dik T. Winter: CFF 35
Toshi Kato: IPP #15
Matthew Moss: UNSUBSCRIBE
Darryl EJ Ruff: [no subject]
Y T - T/ZA: UNSUBSCRIBE
Alan Bawden: UNSUBSCRIBE
[unknown name]: "unsubscribe"
Jerry Bryan: <U,R> Antipodal Processes
Jerry Bryan: <U,R,U2,R2> Antipodal Processes
[unknown name]: "unsubscribe"
Toshi Kato: GreyhoundBus Puzzle
Jerry Bryan: Normal Subgroups of G
michael reid: Normal Subgroups of G
Jerry Bryan: Squares Group
Martin Schoenert: Re: Normal Subgroups of G

Jan 95

Jerry Bryan: Re: Normal Subgroups of G
Mark Longridge: Centres
Martin Schoenert: Re: Re: Normal Subgroups of G
michael reid: kociemba's algorithm for quarter turns
Gene Johannsen: Re: kociemba's algorithm for quarter turns
Mark Longridge: More cube terms
Mark Longridge: Cube terms
Mark Longridge: Cube with GAP
Mark Longridge: Cube Twist Correction
Martin Schoenert: Re: Cube terms
Martin Schoenert: Re: Re: kociemba's algorithm for quarter turns

http://www.math.rwth-aachen.de/~Martin.Schoenert/Cube-Lovers/
Jerry Bryan: Re: Cube with GAP
michael reid: Re: kociemba's algorithm for quarter turns
michael reid: two stage filtration
michael reid: two stage filtration
michael reid: new upper bounds
michael reid: antipodes in quarter turn metric
michael reid: antipodes in face turn metric
Dik T. Winter: Re: two stage filtration
Dik T. Winter: Re: two stage filtration
Martin Schoenert: Re: Re: Cube with GAP
michael reid: Re: two stage filtration
michael reid: Re: two stage filtration
Dik T. Winter: Re: two stage filtration
Dik T. Winter: Re: two stage filtration
Jerry Bryan: Re: kociemba's algorithm for quarter turns
Dik T. Winter: Re: kociemba's algorithm for quarter turns
michael reid: Re: kociemba's algorithm for quarter turns
[unknown name]: remove from list
Alan Bawden: remove from list
Nichael Cramer: Source for Cheap 5X Cubes
Tim Rentsch: Re: kociemba's algorithm for quarter turns
ishius@holonet.net: Re: Source for Cheap 5X Cubes
David Litwin: Re: Source for Cheap 5X Cubes
Wei-Hwa Huang: Re: SKEWB
Brett Stevens: seminar I have to give
Wei-Hwa Huang: SKEWB
Brett Stevens: solid brass cube
David Litwin: SKEWB
der Mouse: Re: Source for Cheap 5X Cubes
der Mouse: Difficulty of Skewb
Dik T. Winter: Re: kociemba's algorithm for quarter turns
michael reid: superflip
Norman Diamond: Re: Source for Cheap 5X Cubes
ishius@holonet.net: Re: 5x5x5 cube
Jerry Bryan: Re: kociemba's algorithm for quarter turns
michael reid: Re: kociemba's algorithm for quarter turns
Jerry Bryan: Re: kociemba's algorithm for quarter turns
Dik T. Winter: Re: kociemba's algorithm for quarter turns
Jerry Bryan: Re: two stage filtration
Jerry Bryan: Re: Re: Cube with GAP
Jerry Bryan: When is 4x4x4 Solved in GAP?
michael reid: superflip
Dik T. Winter: Re: superflip
Jerry Bryan: Re: superflip
michael reid: more on superflip
Martin Schoenert: Re: Difficulty of Skewb
michael reid: superflip requires 20 face turns
michael reid: searching for superflip in quarter turn metric
Jerry Bryan: Re: Re: Models for the Cube
Mark Longridge: Shift Invariance Recap
Mark Longridge: Superflip 24q
Aaron Coles: Masterball
[unknown name]: Masterball
michael reid: symmetric maneuvers
michael reid: superflip in quarter turn metric
Jerry Bryan: Re: superflip in quarter turn metric
Jerry Bryan: Re: superflip in quarter turn metric
David Moews: Shamir's method on the superflip
David Moews: Symmetry reductions of the superflip
David Moews: Symmetry reductions of the superflip (oops)
Martin Schoenert: Re: Re: Re: Models for the Cube
Martin Schoenert: Re: Re: Re: Models for the Cube
[unknown name]: [no subject]
Rodrigo de Almeida Siqueira: Robot using the Cube - WWW
Mark Longridge: Skewb thoughts
michael reid: Re: superflip requires 20 face turns
Martin Schoenert: Re: Skewb thoughts

Feb 95

Martin Schoenert: Re: Re: Re: Re: Models for the Cube
[unknown name]: magic jack
[unknown name]: cubelovers-request@ai.ai.mit.edu
[unknown name]: [no subject]
Mark Longridge: More skewb thoughts
Jerry Bryan: Level 11, Whole Cube, Q-turns
Martin Schoenert: Re: More skewb thoughts
Mark Longridge: The Pyraminx Lost
Ricard Villa: [no subject]
[unknown name]: I have a non-standard Pyraminx. (its magic number is 5)
Martin Schoenert: Re: Re: Skewb thoughts
Martin Schoenert: Re: The Pyraminx Lost
[unknown name]: Re: I have a non-standard Pyraminx. (its magic number is 5)
Martin Schoenert: Re: Re: superflip in quarter turn metric
Michael Cramer: 6:45 am Monday Morning Humor [was: I have a non-standard Pyraminx...]
der Mouse: Re: Re: superflip in quarter turn metric
Jerry Bryan: Re: Re: superflip in quarter turn metric
Michael Benjamin Parker: PUZZLE PARTY! in Orange County, CA; 1995 Feb. 18th (Sat) 7:00pm-
Jerry Bryan: Start-rooted vs. X-rooted Search Example
michael reid: superflip composed with pons asinorum
Mark Longridge: Assorted Pyraminxi
Mark Longridge: Corrections
Jerry Bryan: Qturn Lengths of M-Symmetric Positions
der Mouse: Re: Qturn Lengths of M-Symmetric Positions
michael reid: Re: Qturn Lengths of M-Symmetric Positions
- Jerry Bryan: Pons Asinorum Superflipped Halfway Positions
- Michael Reid: Pons Asinorum Superflipped Halfway Positions
- Jerry Bryan: Pons Asinorum Superflipped Halfway Positions (corrected)
- Jerry Bryan: Run Times, Storage Requirements, etc.
- Michael Reid: Re: Run Times, Storage Requirements, etc.
- Codey: software for Rubik's cube
- Tyler Duncan: solving the cube?
- Peter Beck: new puzzle ???
- Ronnie B.Kon: Re: new puzzle ???
- Chico: Rubik's cube
- Michael Cramer: Custom Cubes

**Mar 95**
- Duane H. Pontius: Info?
- Mark Longridge: Centralizers & GAP
- Huy Vo: Subscription
- Mark Longridge: New GAP insights
- Michael Reid: New GAP insights
- Justin I.: UNSUBSCRIBE
- Michael Reid: New GAP insights
- Michael Reid: New GAP insights
- [unknown name]: list
- Alan Bawden: list
- Haym Hirsh: Announcement - Workshop on Groups and Computation, June 7-9, 1995
- [unknown name]: Rubik's Revenge
- Jerry Bryan: Some Thoughts on Representative Elements

**Apr 95**
- Theodoros Emmanouil: subscribe
- Patrick: subscribe
- Ivan Filipenko: Singmaster's works
- Mark Longridge: Slice & Anti-Slice
- Jerry Bryan: Repetitive Application of Elements of Q*
- Michael Reid: more on the slice group
- Jerry Bryan: Re: Repetitive Application of Elements of Q*
- Mark Longridge: Antislice revisited
- Mark Longridge: DOTC
- Patrick: subscribe
- Alan Bawden: subscribe
- Jerry Bryan: Re: Run Times, Storage Requirements, etc.
- Michael Reid: correction and an interesting example
- Michael Reid: Re: Run Times, Storage Requirements, etc.
- Mark Longridge: Orders of Symmetry
- Abdi Ismail: <None>
- Mark Longridge: More Cube Orders
- Michael Benjamin Parker: PUZZLE PARTY! in Orange County, CA; 1995 Apr. 29 (Sat) 7:00pm-
- Dominic Parkinson: subscribe RUBIKS CUBE Dominic Parkinson

**May 95**
- Tyler Duncan: [no subject]
- Ludwig A. Goon: [no subject]
- Ludwig A. Goon: unsubscribe
- der Mouse: Re: SBP "Magic sQ"
- [unknown name]: unsubscribe
- Alan Bawden: unsubscribe
- Jerry Bryan: Re: more on the slice group
- Dan Hoey: Re: more on the slice group
- Jerry Bryan: Re: more on the slice group
- Jerry Bryan: Re: Orders of Symmetry
- Jerry Bryan: Re: more on the slice group
- michael reid: Re: more on the slice group
- Patrick: Re: unsubscribe
- Ed Schwalenberg: unsubscribe
- [unknown name]: Rubik's Robot
- der Mouse: Re: unsubscribe
- Wei-Hwa Huang: Re: Rubik's Robot
- Alan Bawden: troublemakers and newbies
- der Mouse: Re: Is there a symbolic cube program?
- David A. Bagley: DINOSAUR RUBIK'S CUBE
- Jerry Bryan: Re: more on the slice group
- Jerry Bryan: Re: more on the slice group
- Jerry Bryan: AntiSlice Under M-conjugacy
- Alan Bawden: The Cube-Lovers Archives expands
- Jerry Bryan: AntiSlice Under M-conjugacy (and a problem with slice)
- Martin Schoenert: Re: AntiSlice Under M-conjugacy (and a problem with slice)
- michael reid: AntiSlice Under M-conjugacy (and a problem with slice)
- Dan Hoey: M-conjugacy vs. C-Conjugacy in the Slice group
- Jerry Bryan: M-conjugacy vs. C-Conjugacy in Slice and Antislice
- Jerry Bryan: M-conjugacy vs. C-Conjugacy in Slice and Antislice
- Jerry Bryan: Re: AntiSlice Under M-conjugacy (and a problem with slice)
- Jerry Bryan: Re: AntiSlice Under M-conjugacy (and a problem with slice)
- Martin Schoenert: Re: Re: AntiSlice Under M-conjugacy (and a problem with slice)
- Jerry Bryan: Re: M-conjugacy vs. C-Conjugacy in the Slice group
- Mark Longridge: GAP notes
- Jerry Bryan: Re: AntiSlice Under M-conjugacy (and a problem with slice)
- michael reid: Re: AntiSlice Under M-conjugacy (and a problem with slice)

- Jun 95
- Mark Longridge: Super Groups
- Mark Longridge: Super Squares Group
- David A. Bagley: Dinosaur Rubik's Cube
- ORLANDO GOMEZ CAMACHO, BOGOTA-COLOMBIA.: Oportunidades de Negocios
- John Mullen: [no subject]
- Georges Helm: Andras Mezei's book
- Georges Helm: Andras Mezei's book
- Jerry Bryan: 10q Local Maxima
- Jerry Bryan: 10q Local Maxima Search Matrix
Jerry Bryan: 10q Local Maxima Positions
Mark Longridge: Crazy Corner Pattern
Jerry Bryan: A Third Way to Calculate the Real Size of Cube Space?
Jerry Bryan: Re: Crazy Corner Pattern
Jerry Bryan: Re: A Third Way to Calculate the Real Size of Cube Space?
Mark Longridge: Re: Crazy Corner Pattern
Jerry Bryan: Re: Crazy Corner Pattern
Jerry Bryan: 3x3x3 Cubes for Sale
Wei-Hwa Huang: Re: 3x3x3 Cubes for Sale
Peter Beck: cube availability
Martin Schoenert: Re: Re: A Third Way to Calculate the Real Size of Cube Space?
Martin Schoenert: Re: Re: A Third Way to Calculate the Real Size of Cube Space?
Jerry Bryan: Re: Re: A Third Way to Calculate the Real Size of Cube Space?
Dan Hoey: Ways to Calculate the Real Size of Cube Space?
Marcelo Daniel Benveniste: Subscription request
Jerry Bryan: Constructing K-symmetric Cubes
Jerry Bryan: Re: Re: A Third Way to Calculate the Real Size of Cube Space?
Rodrigo de Almeida Siqueira: Rubik Cube... for Windows?

- Jul 95
  - Mark Longridge: Antislice Patterns
  - Mark Longridge: Crazy Corner Pattern Revisited
  - Kostas Papadopoulos: [no subject]
  - Dan Hoey: Re: 3x3x3 Cubes for Sale
  - [unknown name]: Re: 3x3x3 Cubes for Sale
  - Jerry Bryan: Re: Run Times, Storage Requirements, etc.
  - Jerry Bryan: Partial Results, Edges only (with Face Centers), Qturns
  - Martin Schoenert: How to compute the size of a permutation group
  - Jerry Bryan: Re: Partial Results, Edges only (with Face Centers), Qturns
  - Jerry Bryan: Re: Partial Results, Edges only (with Face Centers), Qturns
  - Dan Hoey: Happy birthday
  - Beffa Raphael: [no subject]
  - Beffa Raphael: [no subject]
  - Beffa Raphael: Re:
  - Jerry Bryan: Level 11, Edges-with-Face-Centers, Qturns
  - [unknown name]: Requesting Information
  - Nichael Lynn Cramer: Rubik's Race
  - Robert Munafo: Little keychain cubes
  - Nichael Cramer: Re: Little keychain cubes
  - Robert Munafo: Shallow-cut dodecahedron, and Re: Little keychain cubes
  - Ronnie B. Kon: Re: Shallow-cut dodecahedron, and Re: Little keychain cubes
  - Yerry Felix: Re: little keychain cubes and IQubes
  - Robert Munafo: Re: IQubes
  - Michael Benjamin Parker: This weekend: the 1995 OC Mensa Annual Regional Gathering
  - Dean Inada: (Fwd) This weekend: the 1995 OC Mensa Annual Regional Gathering
  - This weekend: the 1995 OC Mensa Annual Regional Gathering
  - Alan Bawden: Orange County Mensa?
Jerry Bryan: More on Polya-Burnside
Michael Benjamin Parker: PUZZLE PARTY 3 TOMORROW!, 7pm (in Orange County, CA)
[unknown name]: 5 X 5 X 5 Rubik's Cubes
der Mouse: Re: 5 X 5 X 5 Rubik's Cubes
[unknown name]: "Cubism For Fun" Rumor, (and Dinosaur cube info)
Michael Lynn Cramer: Re: 5 X 5 X 5 Rubik's Cubes
Norman Diamond: Re: 5 X 5 X 5 Rubik's Cubes
Rob Hegge: Re: 5 X 5 X 5 Rubik's Cubes & buying puzzles
[unknown name]: 3x3x3 Rubik's cube
ishius@holonet.net: Re: 5 X 5 X 5 Rubik's Cubes
[unknown name]: "Cubism For Fun" Rumor
Dik T. Winter: Re: "Cubism For Fun" Rumor

- Sep 95
  - Mark Longridge: Ranking the Puzzles
  - Mark Longridge: Dino Cube
  - Jerry Bryan: A Proposal for a More General Definition of Symmetry
  - Morabito: submission
  - Mark Longridge: Alexander's Star
  - David Litwin: Alexander's Star
  - Mark Longridge: VIP Sphere & Masterball
  - [unknown name]: Rubik's Revenge
  - Michiel Boland: Order problems
  - Wei-Hwa Huang: Re: Alexander's Star
  - Michiel Boland: Re: Order problems
  - Jerry Bryan: Re: Order problems
  - Michiel Boland: Re: Order problems
  - Mark Longridge: Least Commutative Element
  - Michiel Boland: 11-cycle
  - der Mouse: Re: Order problems
  - Michiel Boland: Re: Order problems
  - michael reid: number of positions of square 1

- Oct 95
  - Jerry Bryan: <F,U,L,R,D> Question
  - David A. Bagley: pyraminx-like puzzles
  - Jerry Bryan: Preliminary Search Results for <F,U,L,R,D>
  - Alan Bawden: ====>> FREE 1 yr. Magazine Sub sent worldwide- 300+ Popular USA Titles
  - Mark Longridge: Antislice Correction
  - Mark Longridge: Using 5 Generators
  - Mark Longridge: Picture Cubes
  - Alan Bawden: ====>> FREE 1 yr. Magazine Sub sent worldwide- 300+ Popular USA Titles
  - Tom D. Baccanti: Intro and question
  - Laszlo Takacs: Re: ====>> FREE 1 yr. Magazine Sub sent worldwide- 300+ Popular USA Titles
  - Mikko Haapanen: Re: ====>> FREE 1 yr. Magazine Sub sent worldwide- 300+ ...
  - Ronnie B. Kon: Re: ====>> FREE 1 yr. Magazine Sub sent worldwide- 300+ Popular USA Titles
  - Alan Bawden: ====>> FREE 1 yr. Magazine Sub sent worldwide- 300+ ...
  - Aaron Weintraub: Rubik's Revenge, where?
  - Jerry Bryan: Re: Antislice Correction
Jerry Bryan: Re: Using 5 Generators
Dan Hoey: Re: Using 5 Generators
Preux Philippe: I am in search of Thistlewaite's algorithm
Huy Vo: Unsubscribe me ...
Jerry Bryan: Re: Using 5 Generators
Jerry Bryan: Re: Using 5 Generators
Jerry Bryan: Correctness of Large Searches
David A. Bagley: Motif puzzles
Jerry Bryan: Re: I am in search of Thistlewaite's algorithm
Jerry Bryan: Positions 8q from Start, 9q from B, Five Generators
Mark Longridge: Dino Cubes Revisited
Jerry Bryan: Re: Positions 8q from Start, 9q from B, Five Generators
Georges Helm: Thistlilethwaite's algorithm
Michiel Boland: 3-cycle on edges in group <U,R>
David A. Bagley: pyraminx-like puzzles (again)
Michiel Boland: Embedding G in a symmetrical group
Mark Longridge: Cube Verification
Dale Newfield: Re: Embedding G in a symmetrical group
Mikko Haapanen: Old question about 2 adj edges
Jerry Bryan: Re: Cube Verification
Jerry Bryan: Re: Old question about 2 adj edges
Jerry Bryan: Re: Embedding G in a symmetrical group
Mikko Haapanen: Re: Old question about 2 adj edges
Georges Helm: Re: Old question about 2 adj edges
Wei-Hwa Huang: Re: Old question about 2 adj edges
Wei-Hwa Huang: Re: Old question about 2 adj edges
Scott Huddleston: Re: Embedding G in a symmetrical group
Mark Longridge: Spotty Megaminx
Dik T. Winter: Re: Spotty Megaminx
michael reid: Re: Embedding G in a symmetrical group
David A. Bagley: pyraminx-like puzzles (yet again)
Mikko Haapanen: pull out the corner?
Jerry Bryan: Re: pull out the corner?
Georges Helm: availability of cubes and other puzzles
Michiel Boland: Re: pull out the corner?
Michiel Boland: Exchanging just four edges in antislice impossible?
Mark Longridge: Spotty Megaminx Revisited

Nov 95

Alan Bawden: Magazine Spam
Mark Longridge: Halpern's Tetrahedron
RonH: Rubik's stuff
Joe McGarity: Flowers in you hair
Joe McGarity: Flowers in you hair
Mark Longridge: Magic Platonic Solids
Jean-Philippe COUMES: unsubscribe
Jerry Bryan: God's Algorithm for the 1x1x1 Rubik's Cube
Michiel Boland: Re: God's Algorithm for the 1x1x1 Rubik's Cube
Dec 95

- Dan Hoey: Generating Rubik's Cube
- Michael B. Parker: PUZZLE PARTY 4 -- SATURDAY (Dec. 2). 7pm. Orange!
- Dan Hoey: Re: Generating Rubik's Cube
- Mark Longridge: <U,R> & G
- Martin Schoenert: Re: Re: Generating Rubik's Cube
- C.S.S.T. Torino: Information request
- Alan Bawden: Magazine Spam
- Walter P. Smith: Mini Cube & Revenge
- Serge Kornfeld: subscribe
- Michael Lynn Cramer: Pocket Stuff
- Walter P. Smith: Twist Torus
- Dave Eaton: Lumination
- Serge Kornfeld: Re Twist Torus
- [unknown name]: Re: Twist Torus
- Roger Haschke: unsubscribing ... 
- Alan Bawden: unsubscribing ...
- Walter P. Smith: WrisTwist
- Andy Kinsman: Re: Twist Torus [small picture]
- Walter P. Smith: Million dollar cube
- Michael Lynn Cramer: Re: Twist Torus [small picture]
- Jerry Bryan: Re: Million dollar cube
- Michiel Boland: Some notes on the antislice group.
- Douglas Zander: Re: WrisTwist
- Dan Hoey: Presenting Rubik's Cube
- Dan Hoey: Re: Presenting Rubik's Cube
- Dan Hoey: Re: Million dollar cube
- Norman Diamond: Re: Bela Szalai (was Re: Million dollar cube)
- Dan Hoey: Re: Presenting Rubik's Cube
- Georges Helm: Re: Generating Rubik's Cube
- David A. Bagley: neat puzzle web site
- Serge Kornfeld: [bagleyd@source.asset.com: neat puzzle web site]
- Georges Helm: cube literature
- Jerry Bryan: Physical Cubes and Models Thereof
- Joe McGarity: Luminations
- der Mouse: Re: Physical Cubes and Models Thereof
- Jerry Bryan: Re: Physical Cubes and Models Thereof
- [unknown name]: luminations
- david a bagley: xpuzzles and winpuzz
- Joe McGarity: The second challange

Jan 96

- [unknown name]: The Rubic's Cube Mailing List
- TeleGrafix Information: Introducing RIP-2 Multimedia Graphics for the Internet
- Mario Velucchi: CUBE PUZZLE
- Mark Longridge: Cube Theory
- michael reid: Re: Cube Theory
- Mark Longridge: New Rubik's Cube Web Page
Feb 96
- michael reid: cube in a cube
- Richard Schroeppel: Group/graph status?
- Wei-Hwa Huang: Re: Group/graph status?
- bagleyd: x puzzles and winpuzz
- Jerry Bryan: Re: Group/graph status?
- Jerry Bryan: Large Searches with Small Memory
- Peter Beck: museum exhibition
- Mark Longridge: < U, F, R > group
- Mark Longridge: Cube Musings
- Robert Buckley: Subscribe
- Jerry Bryan: Re: Large Searches with Small Memory
- michael reid: Re: Group/graph status?
- Alan Bawden: Welcome to the future of the Internet
- Thomas H. Martin: Resolution of the cube
- Jerry Bryan: Shamir on Breadth First Searches
- Allan Wechsler: Re: Resolution of the cube
- Andrew F. Hunt: Subscription
- Mark Longridge: Re: Resolution of the cube
- Jerry Bryan: Re: Shamir on Breadth First Searches
- [unknown name]: Re Resolution of the cube
- Jerry Bryan: Re: Cube Musings
- Jerry Bryan: Re: Group/graph status?
- michael reid: Re: < U, F, R > group
- michael reid: "simplest" solution of the cube?
- David Moews: Implementing Shamir's method
- michael reid: superflip in 20f
- Mark Longridge: Hamiltonian Circuits

Mar 96
- Jerry Bryan: Shamir and M-Conjugacy
- Jay Majer: Cube keychains?
- der Mouse: Re: Shamir and M-Conjugacy
- Jerry Bryan: Re: Shamir and M-Conjugacy
- Dale Newfield: Orbix
- Stan Isaacs: Re: Orbix
- Rodrigo de Almeida Siqueira: A handling system to fix the Cube
- Jerry Bryan: Electronic Citations
- bagleyd: simple windows3.1 puzzles

Apr 96
- [unknown name]: Help me find a RUBIK'S CUBE............
- Denise Lemoine: list
- Aaron Weintraub: Square-1 question
- der Mouse: Re: Square-1 question
- Michael Lynn Cramer: Re: Square-1 question
- Michael Lynn Cramer: Re: Square-1 question
- Ron Modest: square 1 help
- Aaron Weintraub: Square-1 Question
- Walt Smith: Rubik's Revenge

**May 96**
- Jerry Bryan: Shamir and M-Conjugacy Don't Mix
- David Litwin: Where to get the Rubik's Revenge
- Dale Newfield: building a Rubik's Revenge
- Norman Diamond: Re: Where to get the Rubik's Revenge
- Michael Lynn Cramer: Re: building a Rubik's Revenge
- Aaron Weintraub: Re: building a Rubik's Revenge
- Buddha Buck: Re: building a Rubik's Revenge
- Dale Newfield: Re: building a Rubik's Revenge
- Paul Hart: Re: Where to get the Rubik's Revenge
- Dale Newfield: TripleCross by Binary Arts
- Keith Gregory: Octahedra and tetrahedra
- Dan Hoey: Re: TripleCross by Binary Arts
- Georges Helm: cube solutions prior to 1980
- Rubin Shai: Rubik's cube
- Michael B. Parker: Puzzle Party THIS SATURDAY, 7pm, Cal Tech
- Sean Brewer: Rubik's Revenge
- Robert P. Munafo: The barcode
- [unknown name]: Re: Rubik's Revenge
- Andy Southern: Re: Rubik's Revenge
- Jerry Bryan: Compact Cube Representation for Shamir and Otherwise
- Michael C. Masonjones: Square 1 Combinations
- Jason K. Werner: Re: Square 1 Combinations
- Charlie Dickman: A 4-dimensional Cube
- [unknown name]: ULTIMATE Rubik's cube?
- Andy Southern: Ultimate Rubik's Cube, (how to make a 4x4x4)
- Tom Magliery: Re: Square 1 Combinations
- Nicholas Bodley: Another subscriber
- der Mouse: Re: Another subscriber
- Wei-Hwa Huang: Re: Another subscriber
- Charlie Dickman: Re: An Ultimate Cube
- Scott Huddleston: realizing 7x7x7 or larger cubes
- Buddha Buck: Re: An Ultimate Cube
- Wei-Hwa Huang: Re: Another subscriber
- Ronnie Kon: Re: realizing 7x7x7 or larger cubes
- Nicholas Bodley: Cube in a jar

**Jun 96**
- Nicholas Bodley: Locking mechanism for a 7^3 or larger (some thoughts) (fairly long)
- Nicholas Bodley: Re: Another subscriber
- Wei-Hwa Huang: Re: realizing 7x7x7 or larger cubes
- Wei-Hwa Huang: Yet another (silly) idea on realizing the 7x7x7
- Dan Hoey: Re: Compact Cube Representation for Shamir and Otherwise
- Nicholas Bodley: Fragile parts in 4^3
- Jim Mahoney: A essay on the NxNxN Cube : counting positions and solving it
- Rubin Shai: Computer representation to the cube.

http://www.math.rwth-aachen.de/~Martin.Schoenert/Cube-Lovers/
Jerry Bryan: Re: A essay on the NxNxN Cube : counting positions and solving it
VANESSA PARADIS WANTS ME: [no subject]
Allan Wechsler: Re: Computer representation to the cube,
Kristin Looney: fastest hands in the midwest...
Dan Hoey: Fragile parts in 4^3
Dan Hoey: Re: A essay on the NxNxN Cube : counting positions and solving it
Dan Hoey: Re: A essay on the NxNxN Cube : counting positions and solving it
Allan Wechsler: [no subject]
Chris and Kori Pelley: RE: Contest days
Wei-Hwa Huang: Re: fastest hands in the midwest...
Andy Southern: Re: Fragile parts in 4^3, and limits to a n^3
Jerry Bryan: Re: Compact Cube Representation for Shamir and Otherwise
Jim Mahoney: Re: A essay on the NxNxN Cube : counting positions and solving it
Jim Mahoney: Re: A essay on the NxNxN Cube : counting positions and solving it
Rob Hochberg: Speed cubing
Lars Petrus: Re: fastest hands in the midwest...
Mark Longridge: Cube Contests
Jonathan M. Cheyer: Re: fastest hands in the midwest...
Darrell Fuhriman: verifying correctness of a cube
Norman Richards: Re: Speed cubing
[unknown name]: Re: Speed cubing
[unknown name]: All these fast hands...
Norman Diamond: Re: Cube Contests
der Mouse: Re: verifying correctness of a cube
Kristin Looney: Methods (Re: Speed cubing)
Charlie Dickman: Re: A 4-D Rubik's Cube
[unknown name]: Re: "Better" Method?
Lars Petrus: Re: Speed cubing
[unknown name]: Re: Methods (Re: Speed cubing)
David Singmaster: Orbits, re Jerry Bryan's message of 5 Jun
VANESSA PARADIS WANTS ME: [no subject]
VANESSA PARADIS WANTS ME: [no subject]
VANESSA PARADIS WANTS ME: [no subject]
michael reid: Re: Cube Contests
VANESSA PARADIS WANTS ME: [no subject]
Jason K. Werner: Re: fastest hands in the midwest...
David Singmaster: Storage of cube positions
Peter Foster: Thistlethwaite's algorithm (and others)
Dik T. Winter: Re: Thistlethwaite's algorithm (and others)
[unknown name]: Re: Thistlethwaite's algorithm (and others)
FERNANDO VON REICHENBACH: Counting moves

http://www.math.rwth-aachen.de/~Martin.Schoenert/Cube-Lovers/