

Kurzvorträge Freitag, 12.11.2004

Zeit	Sektion I 03-315	Sektion II G03-214	Sektion III G03-106	Sektion IV G02-109	Sektion V G02-111
13:30	H. Gropp 1 Thomas Clausen as combinatorialist	D. Betten 2 Parallelisms of the unitals $2 - (28, 4, 1)$	A. Kohl 3 Partial list colorings	F. H. Lutz 4 Random Realization of Surfaces	K. Dohmen 5 Graph Sieves and Binomially Bounded Functions
14:00	I. Althöfer 6 A Secretary Problem, Shortest Paths in Graphs, and Cross Connections	J. Bierbrauer 7 Netzwerke, Codes, Designs und projektive Ebenen	A. Kemnitz 8 $[r, s, t]$ -Colorings and Hereditary Properties of Graphs	S. Kurz 9 On the minimum diameter of plane integral point sets	M. Kang 10 Enumeration and uniform generation of planar structures
14:30	S. Schwarz 11 Optimal Lineups in Team Competitions	R. Franken 12 The covering radius of long non-binary BCH codes	S. Brandt 13 Dense triangle-free graphs are four-colourable: A solution to the Erdős-Simonovits problem	H. Havlicek 14 My favorite 12-cap in PG(5,3)	M. Loeffler 15 Recursive Counting and Generation of Labeled Cubic Planar Graphs
15:00	L. K. Jørgensen 16 Directed graphs related to Hadamard matrices	D. Hertel 17 Cross-Correlation of binary Pseudorandom-Sequences	St. Krause 18 Multicolor Euclidean Gameboard Ramsey Numbers	U. Brehm 19 Grid polygons with point sources	D. Kral 20 The circular chromatic index of graphs of high girth
15:30	<i>Kaffeepause</i>				
16:00	M. Schacht 21 On the Regularity Method for Hypergraphs	J. Quistorff 22 Slight improvements of the Singleton bound	F. Pfender 23 Hamiltonicity, pancyclicity and forbidden subgraphs	J. Wills 24 Equivelar Polyhedra	25
16:30	M. Sonntag 26 Competition hypergraphs and strongly connected digraphs	O. Heden 27 On the symmetry group of perfect codes	R. Čada 28 2-connected claw-free graphs are prism-hamiltonian	M. Wild 29 The asymptotic number of binary n -codes and binary matroids	H. Harborth 30 Turan Numbers for Vertices of Cube Graphs
17:00	I. Reinbacher 31 Counting and uniform generation of wordlines	P. Östergård 32 A New Bound for the Zero-Error Capacity Region of the Two-User Binary Adder Channel	J. Feng 33 An efficient sufficient condition for a graph to be hamiltonian	R. Nickel 34 The Flow Lattice of Oriented Matroids	J.-P. Bode 35 Minimum regular rectilinear plane graph drawings
17:30	H. Bräsel 36 H-Comparability graphs and irreducible sequences	U. Tamm 37 Single-Error Correcting Codes for Magnetic Recording	G. Helden 38 Each maximal planar graph with exactly two separating triangles is hamiltonian	39	40

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Zeit	Sektion I G03-315	Sektion II G03-214	Sektion III G03-106	Sektion IV G02-109	Sektion V G02-111
10:15	V. Blinovsky 41 Maximal Set of Ideals Without Coprimes	Ch. Richter 42 Spherical codes and Borsuk's conjecture	Ch. Deppe 43 Searching with lies under error cost constraints	B. Fiedler 44 Computer algebraic determination of linear preservers of groups of permutation matrices	S. Severini 45 A conjecture about a sufficient condition for hamiltonicity
10:45	P. Borg 46 Graphs with the Erdős-Ko-Rado Property	R. Laue 47 Resolvable designs from the Platonians	A. Horbach 48 Two discrete relaxations of the k -TSP	J. de Loera 49 Real zeros of Erhart polynomials	W. Schmid 50 A zero-sum problem and its connection to edge-disjoint cycles
11:15	Ch. Bey 51 A dual Erdős-Ko-Rado theorem	G. Kyureghyan 52 The Only Crooked Power Functions are $x^{2^k+2^l}$	B. Randerath 53 Using matching techniques for exact algorithms	J. Pfeifle 54 Coefficients and roots of Ehrhart polynomials	W. Wenzel 55 Kotierte Graphen
11:45	E. Harzheim 56 A construction of subsets of the reals that have a similarity decomposition	H. Mashurian 57 On a construction of T-shift synchronization codes	St. Hougardy 58 Sublinear Matching Algorithms	F. Santos 59 Catalan-many associahedra	H. Walther 60 Vertex Oblique Graphs
12:15	<i>Mittagspause</i>				
13:45	U. Leck 61 Maximal flat antichains of minimum weight	A. Wagler 62 On Normal Graphs and the Normal Graph Conjecture	T. Kalinowski 63 The complexity of a problem in radiation therapy planning	A. Paffenholz 64 Polytopes from Products	65
14:15	M. Kochol 66 Reduction of the 5-flow conjecture to cyclically 6-edge-connected snarks	I. Schiermeyer 67 On Reed's conjecture about ω , Δ and χ	A. Schäfer 68 The "More for Less"-Paradox in Transportation Problems with Infinite-Dimensional Supply and Demand Vectors	R. Mechtel 69 Compressed 0/1-polytopes have edge expansion at least 1	70