

8-th BIELEFELD COLLOQUIUM ON COMBINATORICS
November 14-16, 1988
UNIVERSITÄT BIELEFELD

Program:

Monday, November 14, 1988

19.30 Informal meeting at Hotel Novotel, Am Johannisberg 5,
Bielefeld 1.

Tuesday, November 15, 1988

The morning session takes place at the ZIF (Zentrum für interdisziplinäre Forschung) which is located next (south) to the university.

9.00 Opening
9.15 ✓ M. Aigner (Berlin): Degree Sequences of graphs.
10.15 ✓ E. Brieskorn (Bonn): Combinatorial Problems related
 to Singularities.
11.00 coffee break
11.15 ✓ P. Blanchard (Bielefeld): Random Graphs Epidemics.
12.00 Lunch
13.30 - 18.30 Contributed talks
 à 20 min.
~~19.30~~ Dinner at "Bültmannshof".

Wednesday, November 16, 1988

The morning session as well as Lunch takes place at the ZIF (Zentrum für interdisziplinäre Forschung).

9.00 ✓ H.J. Prömel (Bonn): Combinatorial Optimization and
 VLSI-Layout.
10.00 ✓ P. Mani-Levitska (Bern): Steinitz's theorem and the
 topology of types.
10.45 coffee break
11.15 ✓ A. Beutelspacher (Gießen): Applied finite geometry.
12.00 Lunch
13.30-16.30 Contributed talks
 à 20 min.

Tuesday, November 15, 1988

	Section I in M 5 - 124	Section II in M 5 - 110	Section III in M 5 - 108	Section IV in M 4 - 106
13.30 Uhr	S. Felsner: Computing the jump number of interval orders is easy	L. Volkmann: Ecken- und Kantenzusammenhang in p -partiten Graphen	R. Diestel: Excluded minor theorems and homomorphism bases	T. Luczak: Phase transition in random digraphs
14.00 Uhr	E. Triesch: Über die Identifizierung von Graphen mit Hilfe von Adjazenztests	E. Prisner: Konvergenz der iterierten Cliques-graphen	W. Wenzel: Matroidizing Set Systems	Z. Palka: Intervality of a class of random graphs
14.30 Uhr	F. Wagner: Minimum α -Separation is NP-complete	F. Göbel: The norm-dimension of a graph	B. Ganter: On a problem concerning partitions	Chr. Josten: Constructing highly symmetric graphs out of a given graph
15.00 Uhr	D. Wagner: An efficient parallel algorithm for the channel routing problem	M. Schughart: Cliques transversalen endlicher Graphen	Th. Ihringer: A combinatorial result on dilatations of seminets	H.A. Jung: Degree condition for long cycles
15.30 Uhr	coffee break	coffee break	coffee break	coffee break
16.00 Uhr	F. Pfeiffer: Routing Multiterminal-Nets via Connected T -joins	H. Lefmann: Familien mit vorgegebenen Schnitteigenschaften	M. Skorsky: Hinzufügen eines Kreuzes im Kontext	S. Klavžar: Graphs with nonempty intersection of longest paths
16.30 Uhr	W. Poguntke: Routing in Datennetzen: einige graphentheoretische Probleme	W. Thumser: Iterierte und regressive Abbildungen der natürlichen Zahlen	A. Rucinski: Convex hulls determined by subgraphs	H.J. Broersman: Neighbourhood conditions for Hamilton cycles
17.00 Uhr	B. Wolters: Routing mit kurzen Drähten in konvexen Regionen	L. Unger: Der Kippkomplex einer endlichdimensionalen Algebra	R.H. Jeurissen: Graphs of paired comparisons	H.J. Veldman: Neighborhood conditions for hamiltonian graphs
17.30 Uhr	E. Speckenmeyer: A new class of fvs-simple digraphs	T. Scheuer: Neue Hängematten	H.M. Mulder: Tolerance Intersection graphs	B. Faber: Quantitative Analyse von Hamiltonkriterien
18.00 Uhr	E. Dahlhaus: Local Chordality Concepts	W. Schewe: Die Menge der gerichteten k -Überlagerungen eines endlichen Translationsköchers	C. Hoede: Path graphs	I. Schiermeyer: Bestimmung der 0-dualen Hülle für Hamiltonsche Graphen

Wednesday, November 16, 1988

	Section I in M 5 - 124	Section II in M 5 - 110	Section III in M 5 - 108	Section IV in M 4 - 106
13.30 Uhr	G. Lopez: The (-1) -reconstructibility of diamondless tournaments; (-1) -monomorphic tournaments and regular tournaments	V. Strehl: Multivariate Faltungsidealitäten	G. Behrendt: Graph-perfect binary codes	W. Hohberg: Decomposing graphs in k -connected components
14.00 Uhr	U. Brehm: Über schwach nachbarschaftliche polyedrische Karten	H. Harborth: Ramsey numbers for complete bipartite graphs	W. Neidhardt: k -Block-Mengen in Steiner-Quadrupel-Systemen	J. Doenhard: Fault masking probabilities with single and multiple signature
14.30 Uhr	coffee break	coffee break	coffee break	coffee break
15.00 Uhr	G. Mazzola: Globale diskrete Strukturen in Musik und Chemie	V. Mehrmann: Qualitative Controllability of a matrix-vector pair	A. Kemnitz: Fibonacci Dreiecke	M. Middendorff: The max clique problem in classes of string-graphs
15.30 Uhr	A. Dress: A canonical decomposition theory for metrics on a finite set	G. Dueck: Threshold Accepting: A general purpose optimization algorithm superior to simulated annealing	R. Scharlau: Ideale Archimedische Körper im hyperbolischen Raum	H. Kellerer: to be announced
16.00 Uhr	M. Möller: Representation of finite metric spaces by hypergraphs	B. Voigt: How to compute minimal polynomials for symmetric Boolean functions	C. Hurkens: Problems concerning simple $2k$ -regular graphs on $(4k + 1)$ vertices	F. Margot: Node Disjoint Paths of Minimum Total Length on 2-trees