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406

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## Graphs and Combinatorics

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June 18–22, 1973

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- DEDICATION -

To Our Spouses, Arthur and Virginia, Respectively.

- PREFACE -

Wherefore is this conference book on graphs and combinatorics different from other such books?

One way is that it is, frankly, a progress report on recent results in the field, and does not claim to be a definitive work. Another is that all contributions have been refereed. A third way is that it contains both expository review articles and research contributions.

We wish to thank A. J. Schwenk for his invaluable editorial assistance, V. Chvátal and P. Hell for several constructive suggestions, and Mary Breen for her masterly coordination and organization of the meeting. Certainly, not least, we thank the accurate, fast, reliable typist, Debrah A. Johnson, whose neat work can be seen on every page of this book.

We also thank the Graduate School of Arts and Sciences of the George Washington University for providing the financial support which made the conference possible.

The contributions to this book are divided into three parts. In Part I, there are six invited articles of an expository nature, four by Frank Harary, the principal speaker at the conference, one by Harary and R. C. Read, and one by Harary and A. J. Schwenk. In Part II, there are four contributed survey papers, and Part III contains contributed papers which give new results on graphs and combinatorics, mostly the former.

It has been a pleasure for both of us to edit these proceedings together, especially as we have been friends for the past thirty-five years, and still are, even after actively working on all the detailed tasks involved in the production of this book.

Ruth A. Bari  
Washington, D. C.

Frank Harary  
Ann Arbor and Oxford

- CONTENTS -

PART I: INVITED PAPERS

Recent Results on Trees Frank Harary	1
A Survey of Generalized Ramsey Theory Frank Harary	10
A Survey of the Reconstruction Conjecture Frank Harary	18
Recent Results on Graphical Enumeration Frank Harary	29
Is the Null-Graph a Pointless Concept? Frank Harary and Ronald C. Read	37
Which Graphs Have Integral Spectra? Frank Harary and Allen J. Schwenk	45

PART II: CONTRIBUTED PAPERS  
EXPOSITORY REVIEW ARTICLES

Generalized Ramsey Theory for Graphs - A Survey Stefan A. Burr	52
Some Recent Results in Topological Graph Theory Paul C. Kainen	76
A Survey of Finite Embedding Theorems for Partial Latin Squares and Quasigroups Charles C. Lindner	109
Computing the Characteristic Polynomial of a Graph Allen J. Schwenk	153

PART III: CONTRIBUTED PAPERS  
NEW RESULTS ON GRAPHS AND COMBINATORICS

Finding an Independent Set in a Planar Graph Michael O. Albertson	173
A Class of Starter Induced 1-Factorizations B. A. Anderson	180
Chromatically Equivalent Graphs Ruth A. Bari	186
On Covering the Points of a Graph With Point Disjoint Paths F. T. Boesch, S. Chen, and J. A. M. McHugh	201
A Useful Family of Bicubic Graphs T. G. Boreham, I. Z. Bouwer, and R. W. Frucht	213

# VIII

Reconstructing Combinatorial Geometries Thomas H. Brylawski	226
On Triangular and Cyclic Ramsey Numbers with $k$ Colors Fan Chung	236
The Minimality of the Mycielski Graph V. Chvátal	243
On the Ramsey Number of the Five-Spoked Wheel V. Chvátal and A. Schwenk	247
On the Hamiltonian Completion Problem S. Goodman and S. Hedetniemi	262
Coloring Seven-Circuits Dick Wick Hall	273
Absolute Retracts in Graphs Pavol Hell	291
Cancelling Eulerian Graphs Joan P. Hutchinson	302
A Graphical Realization Problem Sukhamay Kundu	314
The Existence of Small Tactical Configurations Marc J. Lipman	319
Tactical Configurations: An Introduction Judith Q. Longyear	325
Structural Characterizations of Stability of Signed Digraphs Under Pulse Processes Fred S. Roberts	330
The Charm Bracelet Problem and Its Applications Paul K. Stockmeyer	339
On Tutte's Factorization Theorem David P. Sumner	350