

PREFACE

This special issue of *Discussiones Mathematicae Graph Theory* (DMGT) is dedicated to selected papers presented at the 17th Workshop on Graph Theory: Colourings, Independence and Domination (CID) held on 17–22 September 2017 in Piechowice, Poland. It continues a series of international workshops: 1993–1997 in Lubiatów, 1998–2001 in Gronów, 2003–2007 in Karpacz, and 2009–2015 in Szklarska Poręba. The meeting was organized by the Faculty of Mathematics, Computer Science and Econometrics, University of Zielona Góra. About 115 participants formed the audience of the following invited lectures:

Maria Axenovich (Karlsruhe Institute of Technology, Germany)

Ramsey Properties of Boolean Lattices (with Stefan Walzer)

Mirko Hornák (Pavol Jozef Šafárik University in Košice, Slovakia)

On the Achromatic Number of the Cartesian Product of Two Complete Graphs

Alexandr V. Kostochka (University of Illinois at Urbana-Champaign, USA)

Features of DP-Coloring of Graphs and Multigraphs

Bojan Mohar (Simon Fraser University, Canada)

Maximizing the Number of Colorings

Doug Rall (Furman University, USA)

Packing Colorings of Graphs

Dieter Rautenbach (Ulm University, Germany)

Exponential Domination and Independence

Andrzej Ruciński (Adam Mickiewicz University in Poznań, Poland)

5/9 or Minimum Vertex Degree Condition for Tight Hamiltonian Cycles in 3-Uniform Hypergraphs

Zsolt Tuza (Hungarian Academy of Sciences, Hungary)

Independent Sets

and 85 contributed talks.

The papers included in this special issue were refereed according to the standards of DMGT. We would like to express our sincere thanks to the authors for their valuable contribution and the anonymous referees for their commitment and dedication.

Guest Editors—CID 2017 Special Issue of DMGT

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