# TABLE OF CONTENTS

Applications of New Techniques of Data Gathering and Statistical Analysis for Social Networks ........................................ 1
  Manuel Fischer

Semantic Network Analysis as a Method for Visual Text Analytics ................................................................. 4
  Philipp Drieger

Identifying Close Friendships in a Sensed Social Network .................................................................................. 18
  Rahman O. Oloritun, Anmol Madan, Alex Pentland, Inas Khayal

An Empirical Investigation of Similarity-driven Trust Dynamics in Social Networks .............................................. 27
  Yugo Hayashi, Victor Kryssanov

Strong Tie, Weak Tie and In-betweens: A Continuous Measure of Tie Strength Based on Contact
  Diary Datasets ........................................................................................................................................... 38
  Éva Huszti, Beáta Dávid, Kinga Vajda

Science Networks in Cutting-edge Research Institutions: Gender Homophily and Embeddedness in
  Formal and Informal Networks ............................................................................................................... 62
  Nadine V. Kegen

Detecting Communities within French Intercorporate Network ........................................................................... 82
  Sana Elouaer-Mrizak, Marc Chastand

The Influence of Social Networks on Agricultural Technology Adoption .......................................................... 101
  Ana Ramirez

Selection and Influence Effects in Defending a Victim of Bullying: The Moderating Effects of School
  Context ..................................................................................................................................................... 117
  Sabrina Ruggieri, Thomas Friemel, Fabio Sticca, Sonja Perren, Françoise Alsaker

Management of Participation Practice: Reconstruction of Lithuania's Formal Policy Networks by
  Means of Social Network Analysis ....................................................................................................... 127
  Birute Mikulskiene, Birute Piševaitė-Zileniūnaitė

Author Index