CONTENTS

ARTICLES

Network partition via a bound of the spectral radius
R. J. Mondragón

Characterizing complex networks with Forman-Ricci curvature and associated geometric flows
Melanie Weber, Emil Saucan and Jürgen Jost

Spectral partitioning with blends of eigenvectors
James P. Fairbanks, David A. Bader and Geoffrey D. Sanders

Measuring and modeling bipartite graphs with community structure
Sinan G. Aksoy, Tamara G. Kolda and Ali Pinar

Dynamical network models for cattle trade: towards economy-based epidemic risk assessment
Patrick Hoscheit, Sébastien Geeraert, Gaël Beaunée, Hervé Monod, Christopher A. Gilligan, João A. N. Filipe, Elisabeta Vergu and Mathieu Mostonika-Lefebvre

Infection spreading, detection and control in community networks
Yi Yu and Gaoli Xiao

Motif centrality in food web networks
Rasha Elhesha, Tamer Kahveci and Benjamin Balser

academic.oup.com/comnet