

Contents

Preface: Information and Diffusion — V

List of Contributors — IX

Li Guo

1 Information retrieval in social networks — 1

Hu Changjun

2 The rules of information diffusion in social networks — 61

Xindong Wu

3 Topic discovery and evolution — 107

Xiangke Liao

4 Algorithms of influence maximization — 143

Index — 165