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Preface

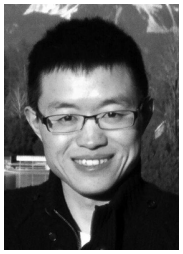
The paper by Fang *et al.* proposes a data-driven approach based on a bootstrapping framework to jointly extract feature and opinion words with weak supervision. This is very important for fine granular sentiment analysis. Experiments on two different datasets (Dianping and Douban) demonstrate the advantage of the proposed method.

Data sparsity is a challenging issue in recommender systems. The paper by Xin *et al.* aims to solve this problem by exploring cross-site information. It proposes a joint model of matrix factorization and latent topic analysis, and validates the effectiveness of the proposed model on a real-world dataset consisting of three social media sites.

Guest Editors:

Jie Tang, Associate Professor, Department of Computer Science and Technology, Tsinghua University, Beijing
jietang@tsinghua.edu.cn

Xiao-Yan Zhu, Professor, Department of Computer Science and Technology, Tsinghua University, Beijing
zxy-dcs@tsinghua.edu.cn



Jie Tang is an associate professor with the Department of Computer Science and Technology, Tsinghua University, Beijing. His interests include social network analysis, data mining, and machine learning. He published more than 100 journal/conference papers and holds 10 patents. He served as PC co-chair of WSDM 2015, ASONAM 2015, ADMA 2011, SocInfo 2012, KDD-CUP co-chair of KDD 2015, poster co-chair of KDD 2014, workshop co-chair of KDD 2013, local chair of KDD 2012, publication co-chair of KDD 2011, and the PC member of more than 50 international conferences. He is the principal investigator of National High-Technology Research and Development 863 Program, National Natural Science Foundation of China (NSFC) project, Chinese Young Faculty Research Funding, National 985 funding, and international collaborative projects with Minnesota University, IBM, Google, Nokia, Sogou, etc. He leads the project Arnetminer.org for academic social network analysis and mining, which has attracted millions of independent IP accesses from 220 countries/regions in the world. He was honored with the Newton Advanced Scholarship Award, CCF Young Scientist Award, NSFC Excellent Young Scholar, and IBM Innovation Faculty Award.

Xiao-Yan Zhu is the head of the State key Lab of Intelligent Technology and Systems, Tsinghua University, Beijing. Since 1993, Prof. Zhu has been on the faculty of the Department of Computer Science and Technology, Tsinghua University. She received her bachelor degree at University of Science and Technology Beijing in 1982, master degree at Kobe University in 1987, and Ph.D. degree at Nagoya Institute of Technology in 1990. As a visiting scientist, she spent one year working at University of California, Santa Barbara, in 2002 and half a year at Cornell University in 2006. She is the international research chair of International Development Research Centre, Canada, in Information Technology from 2009. Currently her research interests focus on intelligent information processing, internet information acquisition, and question and answering system. She has successfully conducted the research supported by the National Basic Research 973 Program, the National High Technology Research and Development 863 Program of China, and the National Natural Science Foundation of China (NSFC). She has got Okawa award, Japan, 2014, Google Research Award (2012, 2014), Best Paper Award (COLING 2011), Best Student Paper Award (ACL 2012), and Best Student Paper Award (SDM 2014), respectively. Prof. Zhu has authored or co-authored more than 100 papers in the top scientific journals such IEEE Tran. Systems, Man, and Cybernetics, Journal of Knowledge and Information Systems, Communications of the ACM, and conference proceedings of SIG KDD, IJCAI, SIGIR, ACL, AAAI, ICDM, COLING, SDM, and CIKM.