Table of Contents

EDITORIAL PREFACE

i Services Quality, Testing, and Discovery
Liang-Jie Zhang, Kingdee International Software Group, China

RESEARCH ARTICLES

1 Using XML-Based Multicasting to Improve Web Service Scalability
Joe Tekli, Antonine University, Lebanon
Ernesto Damiani, Università degli Studi di Milano, Italy
Richard Chbeir, CNRS University of Bourgogne, France

30 A Collaborative QoS-Aware Service Evaluation Method Among Multi-Users for a Shared Service
Wanchun Dou, Nanjing University, China
Chao Lv, Nanjing University, China
Xuyun Zhang, University of Technology, Sydney, Australia
Jinjun Chen, University of Technology, Sydney, Australia

51 A Metamorphic Relation-Based Approach to Testing Web Services Without Oracles
Chang-ai Sun, University of Science and Technology Beijing and Chinese Academy of Science, China
Guan Wang, University of Science and Technology Beijing, China
Baohong Mu, University of Science and Technology Beijing, China
Huai Liu, Swinburne University of Technology, Australia
ZhaoShun Wang, University of Science and Technology Beijing, China
T. Y. Chen, Swinburne University of Technology, Australia

74 Effective Service Composition in Large Scale Service Market: An Empirical Evidence Enhanced Approach
Xianzhi Wang, Harbin Institute of Technology, China
Zhongjie Wang, Harbin Institute of Technology, China
Xiaofei Xu, Harbin Institute of Technology, China