

Table of Contents

TCP Vegas-L An Adaptive End-to-End Congestion Control Algorithm over Satellite Communications <i>Lianqiang Li, Jie Zhu, and Ningyu He</i>	1
A Study on the Improvement of National R&D History Data Management <i>Eungyeong Kim and Chulsu Lim</i>	6
A Solution for Bufferbloat Problem in Upload TCP Communication over IEEE 802.11n WLAN Only by Modifying Access Point <i>Masataka Nomoto, Celimuge Wu, Satoshi Ohzahata, and Toshihiko Kato</i>	8
A Study on Support of Project Planning Competency for Small & Mid-sized Enterprises Using National Science & Technology Data <i>Sunghee Lee, Wonkyun Joo, Myungseok Yang, Eunji Yu, and Kiseok Choi</i>	14
Implementation of An Access Control Technology for Internet of Things Environments <i>Daewon Kim and Jeongnyeo Kim</i>	17
Formal Verification of Key Establishment for Dual Connectivity in Small Cell LTE Networks <i>Vassilios G. Vassilakis, Ioannis D. Moscholios, Michael D. Logothetis, and Michael N. Koukias</i>	20
Monitoring the State of Elements of Multi-service Communication Networks on the Basis of Fuzzy Logical Inference <i>Igor Kotenko, Igor Saenko, and Sergey Ageev</i>	26
TCP on Large Scale Network Topologies: Performance Analysis and Issues on Real Networks' Topology Design <i>Konstantinos Paximadis, Vassilis Triantafillou, Anna Galanopoulou, and Pavlos Kalpakioris</i>	33
A Framework for Self-Organized Adaptive Routing in Disaster Scenarios <i>Thomas Finke, Silvia Krug, Sebastian Schellenberg, and Jochen Seitz</i>	39
On a Fuzzy AHP Weight for Partial Inner Dependence Structure <i>Shin-ichi Ohnishi and Takahiro Yamanoi</i>	46
A Mobile Learning Combinative Application for Comparing Educational Techniques <i>Kiriakos Patriarcheas</i>	50
SGASDP: Smart Glasses Application Software Development Platform <i>Jing Chen, Yu-Chieh Pai, and Jian-Hong Liu</i>	56
A Call Procedure Design for Underwater Cellular Networks <i>Hee-won Kim, Junho Cho, and Ho-Shin Cho</i>	62

An Implementation of MAC Protocol for Underwater Cellular Networks <i>Junho Cho, Hee-won Kim, and Ho-Shin Cho</i>	64
5G Network Resources Requirements for Mobile Immersive Digital Environments <i>Danaisy Prado-Alvarez, David Garcia-Roger, and Jose F. Monserrat</i>	66
Network Functions Evaluation of Hardware Accelerated NFV Platform in View of 5G Requirements <i>Athanasia Alonistioti</i>	72
On V2X Network Slicing: Using Context Information to Improve Mobility Management <i>Panagiotis Spapis, Chan Zhou, and Alexandros Kaloxylos</i>	77