

International Conference on Computer Science and Intelligent Communication 2015

(CSIC 2015)

Advances in Computer Science Research Volume 16

**Zhengzhou, China
18-19 July 2015**

Editors:

Juan Ding

ISBN: 978-1-5108-0763-1

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2015) by Atlantis Press
All rights reserved.
<http://www.atlantis-press.com/php/pub.php?publication=CSIC-15>

Printed by Curran Associates, Inc. (2015)

For permission requests, please contact Atlantis Press
at the address below.

Atlantis Press
29 avenue Laumière
75019 Paris
France

contact@atlantispress.com

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

| | |
|--|----|
| IMPLEMENTATION OF A MOBILE APPLICATION FOR FIELD DATA COLLECTION | 1 |
| <i>Gang Qin, Can Chen, Haijing Fu</i> | |
| THE VEHICLE SPEED DETECTION ALGORITHM OF VIRTUAL BAYONET SYSTEM | 5 |
| <i>Lixia Xue, Yanli Luo, Qingbin Guo</i> | |
| A WEIGHTED APIT LOCALIZATION ALGORITHM BASED ON VECTOR SIMILARITY | 8 |
| <i>Li He, Zhiwei Kang</i> | |
| AN OPTIMAL ALGORITHM BASED ON THE SOLUTION TO THE COARSE-GRAINED ARC CONSISTENCY ALGORITHMS OF THE CONSTRAINT SATISFACTION PROBLEMS | 12 |
| <i>Gang Yang, Hui Feng Li, Can Cao, Siyuan Chen, Yubo Zhao</i> | |
| RESEARCH ON DEFENSE TECHNOLOGY OF RELAY ATTACKS IN RFID SYSTEMS | 18 |
| <i>Weiwei Shen, He Xu, Rui Sun, Ruchuan Wang</i> | |
| RESEARCH ON THE APPLICATION OF PLANNING THEORY IN THE MATERIAL DELIVERY OF EMUS MAINTENANCE | 23 |
| <i>Pu Wang, Li Li</i> | |
| AN ALGORITHM ON SOLVING CAR SEQUENCING PROBLEM BASED ON ACO | 26 |
| <i>Yaoyao Bi, Chong Gao, Zhengyu Lu, Yonggang Zhang</i> | |
| ON A MULTIPLE HILBERT'S TYPE INTEGRAL INEQUALITY WITH NON-HOMOGENEOUS KERNEL | 31 |
| <i>Baoju Sun</i> | |
| A COMPARISON OF IMPLEMENTATIONS FOR ASPECT-ORIENTED JAVASCRIPT | 35 |
| <i>Wenhao Huang, Chengwan He, Zheng Li</i> | |
| DESIGN OF DISTANCE EDUCATION BUSINESS FOR WIRELESS BROADCASTING NETWORKS | 39 |
| <i>Shimin Liu, Lingjun Yang, Sanxing Cao</i> | |
| THE STUDY ON DYNAMIC SUPPLY CHAIN COORDINATION UNDER THE PREMISE OF RISK-NEUTRAL | 42 |
| <i>Benhe Gao, Rongzhi Liu, Yanbei Zhao, Pingyuan Liu</i> | |
| CP DECOMPOSITION AND ITS APPLICATION IN NOISE REDUCTION AND MULTIPLE SOURCES IDENTIFICATION | 47 |
| <i>Xuefeng Liu, Yuping Feng, Ximei Liu, Biao Huang</i> | |
| RESEARCH ON RECONSTRUCTION METHOD FOR ILLUMINATION FIELD BASED ON CMAC NEURAL NETWORK | 52 |
| <i>Qiansheng Fang, Jun Huang, Zhenya Zhang</i> | |
| ON THE LEAKAGE BETWEEN ARITHMETIC COMPONENTS OF DES ALGORITHM | 56 |
| <i>Yijie Ge, Zheng Guo, Zhigang Mao, Junrong Liu, Jiachao Chen</i> | |
| A BROADBAND CONDUCTED EMISSION BEHAVIOR MODELING METHOD OF ACTIVE DEVICES BASED ON VECTOR FITTING THEORY | 62 |
| <i>Xi Chen, Yao Chen</i> | |
| A NEARLY LOSS-LESS COMPRESSION TECHNOLOGY BASED ON CTP AND PARTIAL SAMPLE POINTS CALIBRATION FOR OFDM SIGNAL | 68 |
| <i>Yan Li, Baoxian Yu, Dongri Su, Xianhua Dai</i> | |
| TEXT MINING AND ITS APPLICATIONS | 72 |
| <i>Shengyu Guo, Buyang Cao</i> | |
| RESEARCH ON GENERATION OF FRACTAL ARCHITECTURE MODEL SCHEME VIA ITERATED FUNCTION SYSTEM (IFS) | 79 |
| <i>Yongsop U, Ying Yu, Dong Han, Jizhou Sun</i> | |
| ERROR CORRECTION AND WAVELET NEURAL NETWORK BASED SHORT-TERM TRAFFIC FLOW PREDICTION | 83 |
| <i>Yulin Pan, Dong Wang, Xiaohong Li, Zhu Xiao</i> | |
| LEARNING TO RECOMMEND WITH HIDDEN FACTOR MODELS AND SOCIAL TRUST ENSEMBLE | 87 |
| <i>Dan Zhao, Junyi Wang, Andi Gao, Pengfei Yue</i> | |
| RESEARCH ON THE INFLUENCE LAW AND SUPPRESSION METHODS OF SEISMIC WAVELET TIME-VARYING NATURE ON SEISMIC DATA PROCESSING | 92 |
| <i>Peng Zhang, Yongshou Dai, Manman Zhang, Rongrong Wang</i> | |
| AN AUGMENTED REALITY ART WORK FOR MUSEUM | 96 |
| <i>Fei Jiang</i> | |

| | |
|--|-----|
| AN OPTIMIZATIONAL SCHEME OF DEALING WITH MASSIVE SMALL FILES BASED ON HDFS | 99 |
| <i>Yongsheng Du</i> | |
| RESEARCH ON DIFFERENTIAL POWER ANALYSIS OF HMAC-SM3 | 103 |
| <i>Jun Xie, Wei Sun, Dawu Gu, Zheng Guo, Junrong Liu, Sigang Bao, Bo Ma</i> | |
| BAYESIAN NETWORK STRUCTURE LEARNING AND ITS APPLICATIONS IN INTRUSION DETECTION | 107 |
| <i>Zuhong Feng, Chen Ye, Xiu-Juan Gao</i> | |
| NETWORKING, SAFETY AND SECURITY OF UNDERWATER SENSOR NETWORKS | 113 |
| <i>Yangze Dong, Gangqiang Zhang, Xudong He, Huakui Wang</i> | |
| SALIENCY REGION DETECTION VIA LOCAL AND GLOBAL FEATURES | 117 |
| <i>Dan Hu, Yan Wang, Shaohui Qian, Weiyu Yu</i> | |
| HIGH PERFORMANCE APPROXIMATE SORT ALGORITHM USING GPUS | 121 |
| <i>Jun Xiao, Hao Chen, Jianhua Sun</i> | |
| RESEARCH ON 3D-IMAGE RECONSTRUCTION BASED ON TEM INVERSION IMAGE | 125 |
| <i>Faquan Zhang, Zongmin Li</i> | |
| MODELING AND SIMULATION ON DESYNCHRONIZATION OF NEURONAL NETWORKS UNDER ELECTROSTATIC FIELD | 129 |
| <i>Ruiquan Wang, Huaiyang Wang</i> | |
| A NOVEL FRAMEWORK OF GRID CLOUD OPERATING AND COMPARISON ANALYSIS OF ITS VIRTUALIZATION REALIZATION | 133 |
| <i>Liang Zhang, Xiaoliang Bi, Shudong Chen</i> | |
| A J2EE-BASED MIS DESIGN AND IMPLEMENTATION OF LIGHT INDUSTRY | 137 |
| <i>Yong Pan</i> | |
| A FAIR (T,N) THRESHOLD SECRET SHARING SCHEME | 140 |
| <i>Minhong Xing, Wenmin Li</i> | |
| DESIGN OF PORTABLE COLOR BLINDNESS AID SYSTEM BASED ON CAMERA | 144 |
| <i>Qihua Chen, Dashun Que</i> | |
| MINIMAL NEURONAL MODEL FOR THE TRANSMISSION PATH OF ACUPUNCTURE SIGNAL | 148 |
| <i>Yingmei Qin, Chunxiao Han, Bei Liu, Yanqiu Che</i> | |
| DETRENDED FLUCTUATION ANALYSIS OF ACUPUNCTURE BASED ON NEURAL ELECTRICAL SIGNALS | 152 |
| <i>Xiaobin Wang, Yanqiu Che, Chunxiao Han, Yingmei Qin</i> | |
| FACE DESCRIPTION WITH MONOGENIC TERNARY PATTERN: APPLICATION TO FACE RECOGNITION | 156 |
| <i>He Yan, Pu Wang</i> | |
| SOFTWARE RISK ASSESSMENT METHOD BASED ON FUZZY NEURAL NETWORK | 159 |
| <i>Hua Wang, Ben Wang, Longyong You, Wentong Zhang</i> | |
| LICENSE PLATE LOCATION BASED ON SIMPLIFIED PULSE COUPLED NEURAL NETWORK AND COMPREHENSIVE FEATURE | 163 |
| <i>Guangjun Xie, Xiaoxi Ren</i> | |
| AN INCREMENTAL EVOLUTIONARY ALGORITHM SUITABLE FOR INDUSTRIAL PLATFORM FOR ANALOG CIRCUIT DESIGN | 167 |
| <i>Yuehan Gao, Jingsong He</i> | |
| A HIGH-PERFORMANCE KEY-VALUE QUERY SOLUTION BASED ON HASH DICTIONARY AND TRIE TREE | 171 |
| <i>Zhijia Yan, Zhonghan Sun, Yidong Zheng, Jiajun Bu, Wei Wang</i> | |
| INTELLIGENT PRODUCT DESIGN FOR BABY WEIGHING SCALE | 175 |
| <i>Leijing Zhou, Wei Chen</i> | |
| IMPROVING ELECTORAL DISTRICTING THROUGH GEOGRAPHIC INFORMATION SYSTEMS | 179 |
| <i>Mawkae Hor, Yifan Peng</i> | |
| A SANDBOX DESIGNED ON USER-LEVEL VIRTUALIZATION PLATFORM | 183 |
| <i>Jin Xie</i> | |
| MULTI-RELAY SELECTION ALGORITHM FOR OPTIMIZING SYMBOL ERROR RATE AND NETWORK LIFETIME | 188 |
| <i>Zhenchao Wang, Yan Li, Xiaolei Yuan</i> | |
| APPLICATION OF FACTOR ANALYSIS METHOD IN ESTABLISHING EXAM RESULT ANALYSIS MODEL | 192 |
| <i>Hongmei Nie</i> | |

| | |
|---|-----|
| A NOVEL EFFICIENT SDN BASED BROADCAST SCHEME | 196 |
| <i>Yanwei Xu, Xiaoyuan Lu, Tairan Zhang</i> | |
| EVALUATION OF INVESTMENT RISK IN THERMAL POWER PROJECT BASED ON RISK MATRIX | 200 |
| <i>Jianna Zhao, Chunchen Wang</i> | |
| SUPPORT VECTOR MACHINE BASED ON INCREMENTAL LEARNING FOR MALWARE DETECTION | 204 |
| <i>Weiwei Zhuang, Lei Xiao, Jianfeng Cui, Weichuan Zhuang</i> | |
| ENVIRONMENTAL AUDIO CLASSIFICATION BASED ON ACTIVE LEARNING WITH SVM | 208 |
| <i>Yan Zhang, Danjv Lv, Ying Lin</i> | |
| DESIGN AND APPLICATION OF MARINE INFORMATION RETRIEVAL SYSTEM | 213 |
| <i>Dongning Jia, Yi Chen, Yanping Cong</i> | |
| PARTITION METHOD OF INFRARED IMAGE USING OTSU ALGORITHM AND MORPHOLOGY | 217 |
| <i>Mingkai Yue, Jiahao Deng</i> | |
| MODIFIED ALGORITHM RESEARCH OF TARGET TRACKING OF MEAN SHIFT INFRARED IMAGERY | 221 |
| <i>Mingkai Yue, Jiahao Deng</i> | |
| THE DESIGN OF MAIN TRANSMISSION SYSTEM OF THE CK1440A SERIES NUMERICALLY-CONTROLLED MACHINE TOOL | 225 |
| <i>Jiajun Ding, Zhiying Zhang</i> | |
| WORKFLOW SYSTEM PERFORMANCE IMPROVING AND ANALYZING BY USING MEMORY CACHE | 229 |
| <i>Yusheng Xu, Hongxin An, Qunce Xu</i> | |
| RESEARCH OF HIGH VOLTAGE INTELLIGENT CAPACITOR | 235 |
| <i>Minxiang Yang, Wei Song, Xuesong Zhao, Yang Liu, Guoliang Zhang, Yanping Diao, Ting Mao</i> | |
| RESEARCH ON CLASSIFICATION OF THE CITIES IN SHANDONG PROVINCE BASED ON THE POPULATION | 240 |
| <i>Silian Shen, Chunwei Wang</i> | |
| A NOVEL DIRECTION FINDING ALGORITHM USING ICA WITH UNIFORM CIRCULAR ARRAY | 244 |
| <i>Wanchun Li, Yingxiang Li</i> | |
| A SDN BASED SCALABLE LAYER 2 NETWORK FOR NEXT GENERATION INTERNET TESTBED | 248 |
| <i>Yanwei Xu, Xiaoyuan Lu, Tairan Zhang</i> | |
| RESEARCH ON THE POST EVALUATION FOR THERMAL POWER CONSTRUCTION PROJECT BASED ON ENTROPY WEIGHT FUZZY COMPREHENSIVE EVALUATION | 252 |
| <i>Jianna Zhao, Yuanyuan Zhao</i> | |
| A NOVEL LOW POWER CMOS VGA | 256 |
| <i>Yongqian Du, Shibin Liu, Guifang Li</i> | |
| DESIGN OF PHONE ANTI-OBSSESSED SYSTEM BASED ON THE USER BEHAVIOR | 259 |
| <i>Xiafu Pan</i> | |
| EFFICIENCY ANALYSIS OF GENETIC ALGORITHM AND ANT COLONY OPTIMIZATION TECHNIQUES FOR TRAVELLING SALESMAN PROBLEM | 263 |
| <i>Binod Bajracharya</i> | |
| STUDY ON THE INDEX SYSTEM OF TAXI OPERATION MONITORING BASED ON MULTI-SOURCE DATA | 267 |
| <i>Zhihong Chen, Jiancheng Weng, Liying Sui, Yuan Zhong</i> | |
| MINING WEIGHTED ASSOCIATION RULES IN DATA STREAMS WITH A SLIDING WINDOW | 271 |
| <i>Weimin Ouyang, Qinhua Huang</i> | |
| ANALYSIS ON THE CONNOTATION OF PROBABILITY IN THE ARTIFICIAL INTELLIGENCE ALGORITHM FOR ECONOMIC DECISION MAKING | 275 |
| <i>Long Wang, Zhe Wang</i> | |
| ECM ALGORITHM OF PARAMETRIC ESTIMATION IN CONSTANT STRESS ACCELERATED LIFE FOR MIXTURE WEIBULL DISTRIBUTION WITH TYPE II CENSORING | 279 |
| <i>Hui Jiang</i> | |
| THE RESEARCH ON PERSONALIZED TOURISM DEMAND MODEL BASED ON USER ROLES | 283 |
| <i>Wenlong Feng, Yucong Duan, Menxing Huang</i> | |

| | |
|---|------------|
| TEST DATA AUTOMATIC GENERATION BASED ON MODIFIED CONDITION/DECISION COVERAGE CRITERIA | 287 |
| <i>Xin Fan, Wei Zheng, Fengyu Yang, Qijun Liang</i> | |
| THE RESEARCH ON SERVICE COMPOSITION TRUST BASED ON CLOUD COMPUTING..... | 291 |
| <i>Wenlong Feng, Menxing Huang</i> | |
| MULTIPLE POWER ALLOCATION FOR ENERGY EFFICIENCY IMPROVEMENT IN COGNITIVE RADIO..... | 295 |
| <i>Bing Ning, Shouyi Yang, Wanming Hao, Dawei Zang</i> | |
| ACCURATE, NON-INTEGER BIT ESTIMATION FOR H.265/HEVC AND H.264/AVC RATE- DISTORTION OPTIMIZATION | 299 |
| <i>Kei Im Sio, Mahdi Ghandi Mohammad, Hou Chan Ka</i> | |
| A ROLE-BASED ADJACENT WORKFLOW RECOMMENDATION TECHNIQUE..... | 303 |
| <i>Guangzhi Chen, Lei Li</i> | |
| CRYPTANALYSIS OF ATTRIBUTE-BASED DATA SHARING SCHEME FOR DATA ACCESS SECURITY IN CLOUD COMPUTING..... | 307 |
| <i>Aoting Hu, Rui Jiang, Songyang Wu</i> | |
| LOCAL DESCRIPTORS IN TEMPORAL VIDEO SEGMENTATION: A PERFORMANCE EVALUATION | 312 |
| <i>Kei Im Sio, Martins Pedro</i> | |
| LITERATURE REVIEW OF XBRL SEMANTIC RESEARCH..... | 316 |
| <i>Hongqin Li, Jun Zhai</i> | |
| STUDY OF ELECTRIC POWER STEERING SYSTEM..... | 321 |
| <i>Shaoyun Zhang, Yi Wang</i> | |
| ITERATIVE ALGORITHMS FOR A SYSTEM OF GENERALIZED MIXED EQUILIBRIUM PROBLEMS..... | 325 |
| <i>Yali Zhao, Dianjiao Zhao</i> | |
| A COMPARISON OF APPROACHES TOWARD REUSABLE ASPECTS..... | 329 |
| <i>Shun Yi, Chengwan He</i> | |
| STUDY ON ACCESS CONTROL FOR CLOUD STORAGE SECURITY..... | 333 |
| <i>Xinqiang Ma, Yi Huang, Mingsheng Zhang, Youyuan Liu</i> | |
| A DEVELOPMENT STRATEGY OF O2O BUSINESS IN CHINA | 337 |
| <i>Tiansheng Xu, Jiong Zhang</i> | |
| WAVELET THRESHOLDING METHOD BASED ON HYPOTHESES TESTING AND NOISE ESTIMATION FOR MULTIPATH MITIGATION IN GPS RECEIVERS | 341 |
| <i>Alipour Maralani Vahid, Chenxi Huangfu, Yun Zhao</i> | |
| A REVIEW OF OUTPUT HYPOTHESIS IN COLLEGE ENGLISH TEACHING AND LEARNING..... | 346 |
| <i>Zhenxiao Li, Zhihong Lu</i> | |
| A METHOD CONSTRUCTING ORTHOGONAL LATIN SQUARES BASED ON COMPLETE Y- MATRIXES..... | 350 |
| <i>Yongbin Qin, Jie Li, Daoyun Xu</i> | |
| CONSTRUCTIONS OF FINITE GROUPS..... | 355 |
| <i>Yongbin Qin, Haiyue Zhang, Daoyun Xu</i> | |
| VERINP: A FPGA-BASED VERIFICATION PLATFORM FOR GENERAL-PURPOSE MANY- CORE NETWORK PROCESSORS | 361 |
| <i>Jinfeng Huang, Hongbin Wu, Tao Li, Hui Yang, Zhigang Sun</i> | |
| COMPUTER SIMULATION PRINCIPLES OF COMBINED-CYCLE POWER PLANTS START- UPS ASSIGNMENT SCHEDULES..... | 365 |
| <i>A. Radin Yury, S. Kontorovich Tatiana</i> | |
| THE STUDY OF SMOKERS' ATTITUDE AND BEHAVIOR IN CHINA BASED ON DATA MINING METHODS..... | 367 |
| <i>Yu Fei, Xiaojing Fu</i> | |
| A COMPONENT RECOGNITION-BASED CHINESE CHARACTER SEGMENTATION AND STRUCTURE DISCRIMINATION METHOD..... | 371 |
| <i>Yongtang Bao, Yue Qi, Bowen Yu</i> | |
| COMPONENT-STROKE CORRESPONDING SYSTEM FOR CHINESE CHARACTERS OF DIFFERENT STYLES | 375 |
| <i>Yunlong Che, Xiaohui Liang, Pengfei Yue</i> | |
| MULTI-OBJECT TRACKING ALGORITHM BASED ON SPATIAL CONSTRAINTS..... | 379 |
| <i>Yuanhang Cheng, Jing Wang</i> | |
| A METHOD OF AUDIO DIGITAL WATERMARK BASED ON DWT | 383 |
| <i>Yuanhang Cheng, Jing Wang</i> | |

| | |
|---|-----|
| RESEARCH AND APPLICATION OF HADOOP MONITORING BASED ON JMX | 386 |
| <i>Rui Gu</i> | |
| AN EFFECTIVE NEW ALGORITHM FOR FACE RECOGNITION | 390 |
| <i>Rui Kong, Bing Zhang</i> | |
| A TEST POINT SELECTION METHOD BASED ON CIRCUIT TOPOLOGY GRAPH | 394 |
| <i>Xiusheng Duan, Yi Huang, Yunfeng Zhou</i> | |
| AN EFFICIENCY MANAGEMENT TERMINAL CONSIDERING DEMAND RESPONSE | 398 |
| <i>Yin Liu, Yingxin Xie, Fengyu Wang, Chen Fang, Ting Lei</i> | |
| DESIGN OF PERSONNEL MANAGEMENT INFORMATION SYSTEM BASED ON CLOUD COMPUTING | 402 |
| <i>Yuanyuan Yang, Minglei Shu, Nuo Wei</i> | |
| OIL SPILL IMAGE SEGMENTATION BASED ON FUZZY C-MEANS ALGORITHM | 406 |
| <i>Guangmin Sun, Haocong Ma, Dequn Zhao, Fan Zhang, Linan Jia, Junling Sun</i> | |
| ARP DECEPTION AND ITS PREVENTION | 410 |
| <i>Weiwei Lang</i> | |
| LOGIC VALUE FUZZY SUBGROUP OF A GROUP | 414 |
| <i>Xiaoshen Li, Xuehai Yuan, Letao Wu</i> | |
| AN EXPLORATORY STUDY OF SOCIAL GAME BY FLOW THEORY AND SOCIAL NETWORK THEORY | 418 |
| <i>Chun-Hsiung Huang, Mu-Chiun Hsu, Huan-Ming Chuang</i> | |
| AN ILLUMINATION INVARIANT FACE RECOGNITION METHOD BASED ON GRADIENTFACES AND 2DLDA | 422 |
| <i>Yongfeng Qi, Yuanlian Huo</i> | |
| AN EFFICIENT APPROACH TO DO MULTI-AGENT PLANNING | 425 |
| <i>Lin Zeng, Lei Li</i> | |
| TRAFFIC MATRIX-BASED ROUTING OPTIMIZATION | 429 |
| <i>Ru Jia, Wei Su, Hongke Zhang</i> | |
| DESIGN OPTIMIZATION OF NDIR AUTOMOBILE EXHAUST SENSOR CHAMBER STRUCTURE | 433 |
| <i>Hongyan Chen, Zhibin Li, Bing Zhang, Jian Qu</i> | |
| THE CONVERSION METHOD FROM SVG GRAPHICS FOR SUBSTATION TO CIM/G GRAPHICS FOR INTELLIGENT DISPATCHING | 437 |
| <i>Hao Ren, Xiaoqing Ma</i> | |
| AN ALGORITHM TO REALIZE THE REAL-TIME INTERPOLATION OF BEZIER CURVES BASED ON DSP | 440 |
| <i>Yujie Zhang, Weijie Zhang, Bin Xu, Chang Liu</i> | |
| COMPETITIVE FACILITY LOCATION PROBLEM WITH FORESIGHT IN DISCRETE SPACE BASED ON TABU SEARCH | 444 |
| <i>Mingyao Qi, Mingfei Xia, Lixin Miao, Ying Zhang</i> | |
| ROBUST AND FAST TRACKING-LEARNING-DETECTION | 449 |
| <i>Shuai Cheng, Guangwen Liu, Junxi Sun</i> | |
| THE MICRO DESIGN OF MICRO-LECTURE | 453 |
| <i>Cuibai Li</i> | |
| ON THE IMPLIED VOLATILITY EXTRACTION AND THE SELECTION OF SUITABLE KERNEL | 456 |
| <i>Kopa Miloš, Vitali Sebastiano, Tichý Tomáš</i> | |
| RESEARCH OF SELF-SET FOR CLOUD SECURITY IMMUNE SYSTEM BASED ON BLOOM FILTER | 460 |
| <i>Lin Huo, Jingxiong Zhou, Yuchuan Xiao</i> | |
| LEAKAGE PREVENTION METHOD FOR STRUCTURED DATA BASED ON HIERARCHICAL CLASSIFICATION | 464 |
| <i>Liangliang Tang, Zexin Lin, Ruizhong Chen, Hongxia Ma</i> | |
| DYNAMIC RANDOM NETWORK CODING WITH VARIABLE MULTICAST RATE IN DTN ENVIRONMENT | 468 |
| <i>Yi Xia, Guanghong Deng</i> | |
| AN ACCESS CONTROL SCHEME FOR LIMITING THE NUMBER OF USERS BASED ON CLOUD COMPUTING | 472 |
| <i>Guozhen Shi, Sishui Ye, Yafei Zhu, Meng Zhang, Shuaibing Wang</i> | |
| PERFORMANCE OF THE CMMB-MIMO SYSTEM WITH TH PRECODING TECHNOLOGY | 477 |
| <i>Huiqin Wang</i> | |

| | |
|---|-----|
| A PROTOCOL ARCHITECTURE FOR TRUSTED UNDERWATER ACOUSTIC SENSOR NETWORKS | 480 |
| <i>Zhengxian Wei, Min Song, Guisheng Yin, Yingqi Wang</i> | |
| THE DESIGN AND DEVELOPMENT OF MATHEMATICS MICROLECTURE FOR ELEMENTARY SCHOOL | 485 |
| <i>Cuibai Li, Lijang Liu</i> | |
| BUILDING OF LASER-ASSISTED MICROMACHINING TEMPERATURE FIELD | 488 |
| <i>Jinkai Xu, Chuanpeng Chu, Zhilong Zhao, Xingxing Wang</i> | |
| RESEARCH ON THE CREATIVE TABLET FOLDING TABLE | 492 |
| <i>Ruihao Wang</i> | |
| HIGH EFFICIENCY MARINE PROPULSION PLANT | 495 |
| <i>Ruihao Wang</i> | |
| Author Index | |