

2nd International Conference on Information, Electronics and Computer

(ICIEAC 2014)

Advances in Intelligent Systems Research Volume 59

**Wuhan, China
7 - 9 March 2014**

ISBN: 978-1-62993-973-5

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© (2014) by Atlantis Press
All rights reserved.

Printed by Curran Associates, Inc. (2014)

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

Atlantis Press
8 Square des Bouleaux
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

Design of 5.83GHz Microstrip Antenna Used in the OBU	1
<i>C. Yang, X. Guan</i>	
Verification Method for Exponential Distribution and Uniform Distribution Models.....	5
<i>T. Xuemei, G. Bin</i>	
Research on Fuzzy Association Classification Algorithm for Large Transaction Database Based on SVM	9
<i>W. Wang, Q. Li</i>	
An Approach for Quality Measure of Association Rule Based on QL-implicator	14
<i>W. Wang, Q. Li</i>	
Research of Computer Aided Select Plank of Optimal Layout.....	19
<i>S. Li</i>	
The Chaos State of Internet and Coping Method	24
<i>X. Wang, X. Liu</i>	
Integration Scheme of Information Management in Gongchangling Mining Corporation.....	29
<i>K. Li, Y. Wang, S. Ping</i>	
Analysis of Call Admission Control with IM Service in Multimedia OFDMA System	33
<i>Y. Chen, Z. Ni, Y. Wang</i>	
The Study of The Framework For TCM Production Management System	38
<i>H. Wang, C. Wu</i>	
The Application of VB GUI and Animation technology in the Automation Simulation Test	43
<i>A. Yang, H. Li, H. Liu, Q. Wang</i>	
The Study of Reusable WEB Information Inquiry System Design Framework.....	47
<i>L. Yang, W. Xia</i>	
A Recognition Method of RMB Numbers Based on Character Features	51
<i>X. Zhu, M. Ren</i>	
Newton Iterated Search Excitation Source Localization Algorithm Based on the Weighted Least Squares Method	55
<i>M. Han, L. Feng</i>	
A Matching Algorithm Based on the Depth First Search for the General Graph.....	59
<i>C. Yu, S. Zhonge</i>	
The Study of Qujing's Educational Resources Sharing Mode and Application Strategy under Cloud Computing.....	64
<i>L. Yang, W. Xia</i>	
Auditory Feature for Monaural Speech Segregation.....	69
<i>Y. Jiang, R. Liu, Y. Zu</i>	
Analysis of the New Features of OpenFlow 1.4	73
<i>T. Ren, Y. Xu</i>	
The Significance of License Plate Location Based on Lab Color Space.....	78
<i>C. Chen, M. Ren</i>	
A Computational Study on Structural Barrier to Vertical Spread of Window Spill Plume Along Building Exterior Facade Under External Wind	82
<i>N. Zhao</i>	
Robust H_2/H_∞ Control of Linear Markovian Jump Systems	87
<i>M. Bian, Q. Guo</i>	
Performance Analysis of an Adaptive Incremental Cooperative Relaying Scheme for Wireless Relay Networks.....	91
<i>S. Wang, L. Zhang, Y. Yan</i>	
No-reference Video Quality Assessment Model Based on Eye Tracking Datas.....	97
<i>L. Jia, X. Zhong, Y. Tu</i>	
Research on Measure of Noise Trading in Stock Market Based on EGARCH-M Model	101
<i>J. Feng, D. Lin, X. Yan</i>	
Analysis and Research of Process Control Adopting Field Bus Control System.....	108
<i>Y. Liu</i>	
Study on Visual Style of Twist Silk Knitted Fabrics.....	112
<i>Y. Fang, Y. Zhang, C. Lou</i>	
Study on the Application of the Theory of Rough Sets to Text Excavation	117
<i>D. Yin, Y. Yan</i>	

Based on Otsu Thresholding Roberts Edge Detection Algorithm Research	121
<i>J. Tao, H. Xie, J. Cai, X. Ma</i>	
Spontaneous Construction of Voronoi Diagram for Polygon	125
<i>Y. Zhao, X. Liu</i>	
Research on Music Classification Based on MFCC and BP Neural Network	129
<i>Y. Liu, H. Song, J. Yang</i>	
Air Traffic Control Approach Procedural Separation Assessment Mode	133
<i>W. Tang</i>	
A New Method of Parameter Estimation of Frequency-Hopping Signal	138
<i>Y. Qin, M. Lv</i>	
Application of GA Optimizing Neural Network to Coal Sales Forecasts	142
<i>S. Zhang, Q. Hu</i>	
Television Station Identification System Based on Speech Forensics	148
<i>W. Wang, Y. Zhou, J. Zhou, D. Cao</i>	
Research On a Real-time Database of General Engineering Flight Simulation	152
<i>C. Zhang, H. Xu, W. Shen</i>	
Construction of Online Course based on FCM Concept	157
<i>Z. Zhang</i>	
Construct Scheme to Enterprise Staff Performance Management System	161
<i>J. Zhang, J. He</i>	
Author Index	