

Special Focus on Advanced Technology of Software

Growing construction and adaptive evolution of complex software systems	050101(3)
Huaimin WANG & Bo DING	
Intelligent CPS: features and challenges	050102(2)
Gang YANG & Xingshe ZHOU	
Intelligent CPSS and its application to health care computing	050103(3)
Dayou LIU, Bo YANG, Shang GAO, Yungang ZHU & Yong LAI	
Solving Boolean equation systems and applications in cryptanalysis	050104(2)
Xiaoshan GAO & Zhenyu HUANG	
Theory and methodology of research on cloud security	050105(3)
Hai JIN, Weiqi DAI & Deqing ZOU	
New trends of information security—how to change people's life style?	050106(3)
Zhenfu CAO	
Towards a bisimulation theory for open synchronized networks of automata	050107(3)
Eric MADELAINE & Min ZHANG	
Metamorphic testing as a test case selection strategy	050108(2)
Dave TOWEY, Yunwei DONG, Chang-Ai SUN & Tsong Yueh CHEN	

RESEARCH PAPER

Rotated neighbor learning-based auto-configured evolutionary algorithm	052101(13)
Yuanjun LAILI, Lin ZHANG, Fei TAO & Pingchuan MA	
Strategy for quantum image stabilization	052102(10)
Fei YAN, Abdullah M. ILIYASU, Huamin YANG & Kaoru HIROTA	
Learning capability of the truncated greedy algorithm	052103(15)
Lin XU, Shaobo LIN & Zongben XU	
A new method to encode calling contexts with recursions	052104(15)
Lulu WANG, Bixin LI & Hareton LEUNG	
An accurate distributed scheme for detection of prefix interception	052105(17)
Song LI, Haixin DUAN, Zhiliang WANG, Jinjin LIANG & Xing LI	
Robust mesh deformation with salient features preservation	052106(9)
Yong ZHAO, Shengjie LU, Hailong QIAN & Pengcheng YAO	
Nonconvex plus quadratic penalized low-rank and sparse decomposition for noisy image alignment	052107(13)
Xiai CHEN, Zhi HAN, Yao WANG, Yandong TANG & Haibin YU	
One-to-many authentication for access control in mobile pay-TV systems	052108(15)
Debiao HE, Neeraj KUMAR, Han SHEN & Jong-Hyouk LEE	
Cryptanalysis of an asymmetric cipher protocol using a matrix decomposition problem	052109(11)
Jinhui LIU, Huanguo ZHANG, Jianwei JIA, Houzhen WANG, Shaowu MAO & Wanqing WU	
Evaluate the security margins of SHA-512, SHA-256 and DHA-256 against the boomerang attack	052110(14)
Hongbo YU, Yonglin HAO & Dongxia BAI	
Iterative parameter estimate with batched binary-valued observations	052201(18)
Yanlong ZHAO, Wenjian BI & Ting WANG	
Characteristic model based adaptive controller design and analysis for a class of SISO systems	052202(15)
Jianfei HUANG, Yu KANG, Bin MENG, Yunbo ZHAO & Haibo JI	
A Physarum-inspired approach to supply chain network design	052203(14)
Xiaoge ZHANG, Andrew ADAMATZKY, Xin-She YANG, Hai YANG, Sankaran MAHADEVAN & Yong DENG	
Stable degree analysis for strategy profiles of evolutionary networked games	052204(12)
Peilian GUO, Yuzhen WANG & Haitao LI	
Adaptive controller design for underwater snake robot with unmatched uncertainties	052205(15)
Anfan ZHANG, Shugen MA, Bin LI, Minghui WANG, Xian GUO & Yuechao WANG	

MOO PAPER

A binocular vision-based UAVs autonomous aerial refueling platform	053201(7)
Haibin DUAN, Han LI, Qinan LUO, Cong ZHANG, Cong LI, Pei LI & Yimin DENG	

LETTER

Spherical torus-based video hashing for near-duplicate video detection	059101(3)
Xiushan NIE, Yane CHAI, Ju LIU, Jiande SUN & Yilong YIN	
Further results on constructions of generalized bent Boolean functions	059102(3)
Fengrong ZHANG, Shixiong XIA, Pantelimon STĂNICĂ & Yu ZHOU	
Novel cover selection criterion for spatial steganography using linear pixel prediction error	059103(3)
Wei HUANG & Xianfeng ZHAO	
Semi-fragile watermarking for image authentication based on compressive sensing	059104(3)
Ling DU, Xiaochun CAO, Wei ZHANG, Xinpeng ZHANG, Na LIU & Jianguo WEI	