

**Special Focus on Space Flexible Manipulation and Control for On-orbit Servicing**

Editorial.....050200( 1 )  
Zhongliang JING, Bin XU, Fuchun SUN & George Z. ZHU  
An overview of the configuration and manipulation of soft robotics for on-orbit servicing .....050201(19)  
Zhongliang JING, Lingfeng QIAO, Han PAN, Yongsheng YANG & Wujun CHEN  
Two performance enhanced control of flexible-link manipulator with system uncertainty and disturbances.....050202(11)  
Bin XU & Yuan YUAN  
Vibration suppression of a large flexible spacecraft for on-orbit operation .....050203(15)  
Deshan MENG, Houde LIU, Yanan LI, Wenfu XU & Bin LIANG  
Analysis and design of parameters in soft docking of micro/small satellites .....050204(14)  
Xiang ZHANG, Yiyong HUANG & Xiaoqian CHEN

**RESEARCH PAPER**

A new construction on randomized message-locked encryption in the standard model via UCES .....052101(19)  
Huijie WANG, Kefei CHEN, Baodong QIN, Xuejia LAI & Yunhua WEN  
On  $s$ -uniform property of compressing sequences derived from primitive sequences modulo odd prime powers .....052102(12)  
Yupeng JIANG, Qun-Xiong ZHENG & Dongdai LIN  
Credit-based scheme for security-aware and fairness-aware resource allocation in cloud computing .....052103(17)  
Di LU, Jianfeng MA, Cong SUN, Xindi MA & Ning XI  
Anonymous handover authentication protocol for mobile wireless networks with conditional privacy preservation .....052104(17)  
Debiao HE, Ding WANG, Qi XIE & Kefei CHEN  
Hidden policy ciphertext-policy attribute-based encryption with keyword search against keyword guessing attack.....052105(12)  
Shuo QIU, Jiqiang LIU, Yanfeng SHI & Rui ZHANG  
Minimum length key in MST cryptosystems .....052106(11)  
Haibo HONG, Licheng WANG, Haseeb AHMAD, Yixian YANG & Zhiguo QU  
Universally composable anonymous password authenticated key exchange .....052107(16)  
Xuexian HU, Jiang ZHANG, Zhenfeng ZHANG & Jing XU  
Cryptanalysis of full PRIDE block cipher.....052108(12)  
Yibin DAI & Shaozhen CHEN  
An efficient protocol for secure multicast key distribution in the presence of adaptive adversaries .....052109(12)  
Huafei ZHU  
Accurate and efficient exploit capture and classification .....052110(17)  
Yu DING, Tao WEI, Hui XUE, Yulong ZHANG, Chao ZHANG & Xinhui HAN  
A static technique for detecting input validation vulnerabilities in Android apps .....052111(16)  
Zhejun FANG, Qixu LIU, Yuqing ZHANG, Kai WANG, Zhiqiang WANG & Qianru WU  
Improving multi-layer spiking neural networks by incorporating brain-inspired rules .....052201(11)  
Yi ZENG, Tielin ZHANG & Bo XU  
Quantifying quantum information resources: a numerical study .....052501( 9 )  
Zhen WANG & Lixin HE

**MOOP**

Tilting-Twisting-Rolling: a pen-based technique for compass geometric construction.....053101( 6 )  
Fei LYU, Feng TIAN, Guozhong DAI & Hongan WANG

**HIGHLIGHT**

Developing nonlinear adaptive optimal regulators through an improved neural learning mechanism.....058201( 3 )  
Ding WANG & Chaoux MU

**LETTER**

Avoiding monopolization: mutual-aid collusive attack detection in cooperative spectrum sensing .....059101( 3 )  
Jingyu FENG, Guangyue LU, Yuqing ZHANG & Honggang WANG  
Common patterns of online collective attention flow .....059102( 3 )  
Yong LI, Xiaofeng MENG, Qiang ZHANG, Jiang ZHANG & Changqing WANG