

## Contents

- 1** Experimental study of suppressing the unbalanced response vibration of rotor system with a G-type integral squeeze film damper  
*Yan Wei (闫伟), He Lidong, Zhang Yufei, Zhang Yipeng, Jia Xingyun*
- 10** Dynamic multi-user detection scheme based on CVA-SSAOMP algorithm in uplink grant-free NOMA  
*Xu Lei (徐磊), Tao Shangjin, Bai Shichao, Zhang Jian, Fang Hongyu, Li Xiaohui*
- 17** A geospatial service composition approach based on MCTS with temporal-difference learning  
*Zhuang Can (庄灿), Guo Mingqiang, Xie Zhong*
- 26** Self-correcting wavelet neural network control of continuous rotary electro-hydraulic servo motor  
*Wang Xiaojing (王晓晶), Li Chunhui, Peng Yiwen*
- 38** A compact and reconfigurable low noise amplifier employing combinational active inductors and composite resistors feedback techniques  
*Zhang Zheng (张正), Zhang Yanhua, Yang Ruizhe, Shen Pei, Ding Chunbao, Liu Yaze, Huang Xin, Chen Jitian*
- 43** Joint learning based on multi-shaped filters for knowledge graph completion  
*Li Shaojie (李少杰), Chen Shudong, Ouyang Xiaoye, Gong Lichen*
- 53** Clustering residential electricity load curve via community detection in network  
*Huang Yunyou (黄运有), Wang Nana, Hao Tianshu, Guo Xiaoxu, Luo Chunjie, Wang Lei, Ren Rui, Zhan Jianfeng*
- 62** LACC: a hardware and software co-design accelerator for deep neural networks  
*Yu Yong (于涌), Zhi Tian, Zhou Shengyuan*
- 68** Research on two-step throttle characteristics of double-rotation valve port for hydraulic servo joint  
*Jiang Lin (蒋林), Pan Xiaoyue, Ren Lisheng, Zhu Jianyang, Chen Xinyuan, Zhao Hui*
- 76** Experimental study on integral axial squeeze film damper to suppress longitudinal vibration of propulsion shafting  
*Fan Wenqiang (范文强), He Lidong, Jia Xingyun, Yan Wei, Zhu Gang, Wang Jian*
- 86** Optimization of MAC algorithm based on IEEE 802.15.4 in indoor positioning system  
*Sun Guanyu (孙冠宇), Qin Danyang, Lan Tingting*
- 95** Study on the de-watermark algorithm based on grayscale text  
*Huang Guoquan (黄国权), Chen Zhipeng, Sun Xiaocui*
- 103** Analysis of quaternary digital chaotic sequence performance based on chaotic matrix  
*Li Peize (李佩泽), Zhao Bing, Li Wenquan*