

## Contents

- 231** A fractional frequency divider based on phase switching and negative feedback delta-sigma modulator for MMMS applications  
*Liao Yilong(廖一龙), Fan Xiangning, Lin Zhi, Shi Yongjian, Hua Zaijun*
- 239** Fluid-solid interaction analysis of torque converters  
*Zhang Zeyu(张泽宇), Hui Jizhuang, Suo Xuefeng, Zhang Fuqiang, Lei Jingyuan*
- 245** A local high-resolution deformation model of soft tissue based on element-free Galerkin method  
*Zhang Xiaorui(张小瑞), Yu Xuefeng, Sun Wei, Zhu Lifeng, Liu Jia*
- 255** A novel method of optimizing latch comparators  
*Zheng Hao(郑浩), Fan Xiangning*
- 262** Spatial skyline query method based on Hilbert R-tree in multi-dimensional space  
*Li Song(李松), Zhang Liping, Li Shuang, Hao Xiaohong*
- 271** Transferring in control plane for 5G heterogeneous networks  
*Bi Ruiqi(毕瑞琪), Yang Ruizhe, Sun Yanhua, Wang Zhuwei, Zhang Yanhua*
- 277** Recognition of multi-carrier OFDM and single-carrier with alpha-stable distribution noise  
*He Jiai(何继爱), Du Panpan, Wang Chanfei*
- 286** Pressure control strategy for pump motor energy transfer unit  
*Yao Jing(姚静), Zhang Wei, Cao Xiaoming, Zhao Guichun, Sun Menghui*
- 294** Optimal configuration strategy of energy storage system in high photovoltaic penetration micro-grid based on voltage sensitivity analysis  
*Ouyang Jing(欧阳静), Pan Guobin, Chen Jinxin, Chai Fushuai, Zhang Libin*
- 303** Structural optimization and stability analysis of the ducted fan unmanned aerial vehicles  
*Fu Weijie(符伟杰), Chen Cheng, Li Wenchao, Zhang Yonghong, Chu Zefan*
- 316** Robust  $H_\infty$  output tracking control of uncertain networked control systems  
*Liu Yicai(刘义才), Liu Bin*
- 326** Analysis and verification of gas content and pressure change rate characteristics in hydraulic system  
*Han Heyong(韩贺永), Liu Yuan, Qin Lixia, Wang Kai, Peng Huayu*
- 334** Study on scheduling algorithm for multiple handling requests of single automated guided vehicles  
*Lu Yuan(陆远), Feng Kuikui, Hu Ying*
- 340** Error concealment in pixel based Wyner-Ziv video coding  
*Yuan Chengzong(袁承宗), Han Chuanzhao, Wang Yan, Zhang Ning, Zhang Zhen, Zhu Xinzong, Li Xian, Qu Di*