

## Contents

### 343 Multi-exposure fusion for high dynamic range scene

*Shen Xiaohe (申小禾), Liu Jinghong*

### 350 A graph theory model using human nature structure

*Liu Jia (刘佳), Duan Miyi, Li Wenfa, Yuan Jiazheng*

### 360 Sliding mode control of engine-variable pump-variable motor drive system

*Zhao Lijun (赵立军), Wang Ying, Wei Yuying,*

*Liu Qinghe, Yin Chengshun*

### 367 Semi-supervised learning based probabilistic latent semantic analysis for automatic image annotation

*Tian Dongping (田东平)*

### 375 Stability control of multi-parameter adaptive wireless communication systems based on multi-Lyapunov function

*Song Xiaolin (宋晓勤), Dong Li, Li Wenfa, Tong Tingting, Lei Lei*

### 384 A novel conditional diagnosability algorithm under the PMC model

*Guo Chen (郭晨), Liang Jiarong, Leng Ming, Peng Shuo*

### 390 An efficient QoS enhancement mechanism of VoIP using erasure array codes

*Li Zhen (李真), Zhang Qin, Ren Hui, Liu Wenbo, Gao Xinyan*

### 399 Study on circle detection algorithm based on data dispersion

*Shuai Ligu (帅立国), Wei Youying, Chen Huiling*

### 404 Research on characteristics of integrated type hydraulic transformer's control angle

*Liu Chengqiang (刘成强), Liu Yinshui, Jiang Jihai, Yang Guanzhong*

### 410 Temperature field analysis of two rotating and squeezing steel-rubber rollers

*Chu Hongyan (初红艳), Xu Kangjian, Huang Wei,*

*Cai Ligang*

### 418 Research on a toolpath generation method of NC milling based on space-filling curve

*Sui Xiulin (隋秀凇), Chen Xiaoqi, Ge Jianghua, Jiao Yan*

### 426 Novel differential evolution algorithm with spatial evolution rules

*Ding Qingfeng (丁青锋), Qiu Xiang*

### 434 Operation of the main steam inlet and outlet interface pipe of a nuclear power station

*Huang Guiping (黄桂平), Xuan Yabing, Zhang Linwei, Liang Xuwei*

### 438 Studies on China graphene research based on the analysis of National Science and Technology Reports

*Zheng Jia (郑佳), Zhang Zeyu, Liu Lin,*

*Gong Chunhong, Yuan Fang*

### 446 First order sensitivity analysis of magnetorheological fluid damper based on the output damping force

*Kong Xiangdong (孔祥东), Li Bin, Quan Lingxiao,*

*Guo Haixin, Bai Ruxia*