Quarterly, since 1995

www. hitech863. com

Contents

227 An improved Gmapping algorithm based map construction method for indoor mobile robot

238 Theoretical investigation on self-recovery regulation method for diesel engine misalignment through co-simulation

Jiang Zhinong(江志农), Wang Zijia, Mao Zhiwei, Zhang Jinjie, Wang Chenguang, Huang Yifei

249 Analysis of asymptotically tight approximation SER for cooperative NOMA systems

Xu Lei(徐 磊), Cai Jing, Yao Yijing, Zhu Dingcheng, Fang Hongyu, Li Xiaohui

256 A neutral point potential drift control method for NPC three-level inverter

Wu Lin (吴 琳), Qi Xin, Shi Xiangyang, Su Tao, Tao Yong

262 Research on gas leakage through suction valves of reciprocating compressor under varying load conditions

Zhang Jinjie (张进杰), Wang Yao, Zhang Chun, Jiang Zhinong, Sun Xu

272 Numerical simulation and experimental study on the leakage of continuous rotary electro-hydraulic servo motor

Wang Xiaojing (王晓晶), Peng Yiwen, Li Chunhui

282 Towards consistent machine translation of abbreviated terms in scientific literature

He Yanqing (何彦青), Sun Yueying, Wu Zhenfeng, Pan You, Zhang Junsheng

294 A brief survey on deep learning based image super-resolution

Zhu Xiaobin (祝晓斌), Li Shanshan, Wang Lei

303 Micro-expression recognition algorithm based on the combination of spatial and temporal domains Wu Jin (吴 进), Xi Meng, Dai Wei, Wang Lei, Wang Xinran

310 Networked guaranteed cost PID attitude tracking control of a laboratory flight system

Liu Yicai (刘义才), Liu Bin

320 Study on the fusion emotion classification of multiple characteristics based on attention mechanism Li Ying (李 颖), Shao Qing, Hao Weichen

329 Research on status quo of global graphene technology based on bibliometrics

Xiong Shuling (熊书玲), Wang Luohan