

目次

Contents

专题综述

- 电动叉车的直接驱动策略研究* 洪伟明 段剑文 (1)
Studies on direct driving strategy of electric forklift truck Hong Weiming, Duan Jianwen
带式输送机的能源效率探讨 林福严 张晓如 雷冀等 (5)
Studies on the energy efficiency of belt conveyer Lin Fuyan, Zhang Xiaoru, Lei Ji, et al.

分析·研究

- 桥式起重机焊接箱形梁疲劳裂纹与剩余寿命的研究* 曾光 殷玉枫 徐格宁等 (9)
Studies on fatigue crack and remaining life of welding box girder of
bridge crane Zeng Guang, Yin Yufeng, Xu Gening, et al.
平面变胞间歇机构动力学分析及其仿真* 陈育明 (13)
Kinetic analysis and simulation of planar metamorphic intermittent mechanism Chen Yuming
长度变化对2种材料伸缩吊臂滑块应力的影响 解海军 张仲鹏 李志敏 (16)
Effect of length change on stress of telescoping boom's slide blocks made of different
materials Xie Haijun, Zhang Zhongpeng, Li Zhimin
600 t起重船吊吊系统强度校核及应力测试分析 汪雅棋 温华兵 沈超明等 (19)
Analysis on strength check and stress test for hoisting system of the 600 t
floating crane Wang Yaqi, Wen Huabing, Shen Chaoming, et al.
泵源液压系统压力脉动抑制方法研究* 何志勇 何清华 李自光 (24)
Studies on pressure pulsation attenuation of hydraulic pump system He Zhiyong, He Qinghua, Li Ziguang
机械式停车设备选型研究 唐川 (26)
Studies on type selection of mechanical parking equipment Tang Chuan
基于超声传感器和 Kalman 滤波的塔式起重机防碰撞研究 张亚磊 段志善 (31)
Studies on anti-collision of tower crane based on ultrasonic sensor and Kalman
filtering Zhang Yalei, Duan Zhishan
基于 Ansys 的桥式起重机主梁有限元分析平台 把婧 崔志远 (34)
Ansys based overhead traveling crane's girder finite element analysis system Ba Jing, Cui Zhiyuan
金属结构疲劳开裂案例的分析 陆群 (37)
Analysis on cases of metal structure fatigue cracking Lu Qun

设计·计算

- 基于广义参数化的工程图自动调整技术研究* 马士良 李荣兵 王宗彦等 (40)
Studies on automatic adjustment of engineering drawing based on generalized
parametering Ma Shiliang, Li Rongbing, Wang Zongyan, et al.
带式输送机计算选型程序的开发研究 方焱 谢炎柏 施康 (45)
Development and research of calculating and type selecting programme of belt
conveyer Fang Hao, Xie Yanbo, Shi Kang
防爆电梯曳引轮和曳引钢丝绳的摩擦能量及温升分析 姚明 张清鹏 (49)
Analysis on friction energy and temperature rise of traction sheave and tractive steel wire rope in
explosion-proof elevator Yao Ming, Zhang Qingpeng
双梁轮胎门式起重机控制系统的设计 张金英 刘小龙 (52)
Design of control system of double girder gantry crane Zhang Jinying, Liu Xiaolong
TH4013SL 型伸缩臂叉装车电控系统设计 陈文科 武铁军 田贺红等 (54)
Design of electric control system of the TH4013SL type telescopic
handler Chen Wenke, Wu Tiejun, Tian Hehong, et al.

新产品·新技术

- 仿人控制在液体粘性软启动装置中的应用* 王丽国 乔谨思 陈 飞等 (57)
 Application of human-simulating control in hydro-viscosity soft startup device Wang Liguo, Qiao Jinsi, Chen Fei, et al.
- 基于 CDMA 和无线传感器网络技术的结构状态远程遥测系统 刘志平 唐娅玲 董永波等 (60)
 Structural state remote testing system based on CDMA and wireless sensor network technology Liu Zhiping, Tang Yaling, Dong Yongbo, et al.
- 超高电动葫芦的开发及应用 张雪峰 孙兆凤 (64)
 Development and application of super-elevated electric hoist Zhang Xuefeng, Sun Zhaofeng
- 变频器在大倾角下运带式输送机中的使用误区及对策 姜 雪 包继华 于 岩 (66)
 Application mistakes of frequency converter used in high inclination-angle downward belt conveyer and the countermeasures Jiang Xue, Bao Jihua, Yu Yan
- 动力电缆卷筒防层装置的设计 朱晓军 牛跃伟 全照国 (69)
 Design of power cable drum for preventing incorrect cable position on the drum Zhu Xiaojun, Niu Yuewei, Tong Zhaoguo
- 新型液粘绞车设计* 杜 波 张 楠 渠立红等 (71)
 Design of new type hydro-viscous winch Du Bo, Zhang Nan, Qu Lihong, et al.
- 桥式起重机起升机构减速器状态监测系统 徐海群 强宝民 (74)
 State monitoring system of hoisting mechanism speed reducer of bridge crane Xu Haiqun, Qiang Baoimin
- 超高速电梯轿厢横向振动控制方法 谢腾飞 刘志云 陈 炜等 (77)
 Control method for lateral vibration of super high speed elevator's cabin Xie Tengfei, Liu Zhiyun, Chen Wei, et al.
- WinCC 在自动化立体仓库监控系统中的应用 陈 静 吴迅舟 (79)
 Application of WinCC in monitoring system of automatic storage & retrieval system Chen Jing, Wu Xunzhou

档案管理

- 浅议新时期企业档案管理 赵梦临 (81)
 Brief discussion on enterprise file management in the new period Zhao Menglin

标准·法规

- 2010 年 ISO /TC96 起重机技术委员会系列会议报道 赵春晖 王顺亭 (84)
 Report on conferences of ISO /TC96 crane technical committee in 2010 Zhao Chunhui, Wang Shunting

技术改造

- 吊钩闭锁装置的改进设计 刘 勇 (89)
 Improved design of lift hook locking device Liu Yong
- 港口装船机俯仰铰点的改造 汪大春 (91)
 Renovation of pitching hinge joint in port shiploader Wang Dachun
- 门式起重机小车轨道安装方式的改进 田小莹 (93)
 Improvement to installation method for track of gantry crane trolley Tian Xiaoying

- 行业资讯 (95)