doi: 10.3969/j.issn.1672-6073.2023.01.009

城市轨道交通智慧化

产业等各座条管理系统建设研究

刘新科¹,王冠琼¹,庄 寅¹,王亚利² 有限公司建设分公司,浙江宁波 315101; 2. 北京安堤工程容制有限公司,北京 100050)

(1. 宁波市轨道交通集团

摘 要: 针对城市轨道 交通突发事件的特点,综合考虑城市轨道交通建设朋及运营期应急管理信息化的需求,问 [系统的关键技术、**模;零初的残城或轨道交通深发事件的特殊,绕念秀虔城或轨道交通建戏期及运营期应急管理信息他的需求出期**允综合应急管理 智慧化综合应急等理系统的关键技术,设计原则及系统架构、介绍应急管理一张图、应急值守、应急频警点铺、应急扩抖、计 5近近近現共享。 自動港第五宮急指揮主物簽週통。 应急演练等主要功能模块的建设主该系统使建设期与运营期的应急物资。 应急处立2.5559 正型 2会商等功能,显著便以外股份方案等重要资源实现考察。力良效应急预警、智慧推荐应急物资、自动选择应急救援最优路线、扩展现立置方案及在全 ;应急信理: 但一场应急处置方案及在线会商等功能,显著提高事故预防能力和突发事件应对能力及处置效率。 关键词:城市轨道交通

文型标志码: A 美健调:文學 的學 通過 一种 影響 1 智慧化

中图分类号: U231

Construct

中图分类号: U231

文献标志码: A

文章编号: 1672=6073(2023)01-0059-06

struction of an Integrated Intelligent Emergency Management System for Urban Rail Transit

Management System for Urban Rail Transit

LIU Ninke¹, WANG Guangiong¹, ZHUANG Yin¹, WANG Yali²

tion branch of Ningbo Rail Transit Group Co., Ltd., Ningbo, Zhenane 31517HUANG Yin, WANG Yati

AGILETECH Engineering & Genstmet on branch of Ningbookail Transit Group Co., Ltd., Ningbo, Zhejiang 315101;

2. AGILETECH Engineering Consultants Co., Ltd., Beijing 100050)

Abstract: In view of the ch gracteristics of urban rail transit emergencies, application of information technology in emergency isidered in the estract. In view of the characteristics of urban rail transit emergencies, application of information technologic in the constitution of the characteristics of urban rail transit emergencies, application of information technologic in the constitution of the characteristics of urban rail transit emergencies, application of information technologic in the constitution of the characteristics of urban rail transit emergencies, application of information technologic in the constitution of the characteristics of urban rail transit emergencies, application of information technologic in the constitution of the characteristics of the constitution of the constitution of the characteristics of the characteri ples, and systemperental should be reentiled in the construction and one can be greated affected and rail transit. In the houdy is the design princi ction of the declarologies, design principles and system auchitecture of an infelligent integrated emergency management decidendate constru ch, and drills expounded, and the construction of the main function modules of entergency maps, guards, warnings, auxiliany decisions at disput ncy teams, arrowingles, material dispatch, and drills are discussed. The system regables the sharing of important encureas such lies, emerge ming, intelligencessers, supplies depersency, teams, and emersency experts, during the construction and operation periods although receive you nmendation of automatic energy warping antelligent recommendation of emergency supplies, automatic selection of the reptimal review, recommendation of emergency supplies, automatic selection of the reptimal review, recommendation of emergency supplies.

energency respfigurery rescue decompendation of on-site emergency disposal plans, and online consultation significantly improve ability.

c emergency accident prevention ability, energency response ability, and disposal efficiency.

张工程师,从映稿目期至2022年10日式修用目期在2022至12亿与技术的研究工作,liuxkenbmetro.com

Keywords: urban rail transi

Keywords: urban rail transit; emergency management; intelligence; information technology

已经批复实施的建设规划里程(在建型意建)超过

7 000 km^[1]。随着城市轨道交通建设是经特惠赛牌的建设规划里程(在建和特建)超过

成市轨道交通快速发展新阶。防扩大,安全事故发生的限率也增大,**7000km**增放**趋着城市轨道交通建设及运费即模的**但纪进入 2模连续副番增长,根型子位置全域可轨道交通快速发展新阶人员伤亡交给,家会事故发生的概率也增大效,不论事故发生的 长度达到7%的以多年為周期,缓略规模连续翻悉增长,截至2020年,在建设制连是运营期。都会带来人员伤点或经济损失。近年线员 年底,全国建成通车线路长度达到7969.7 km, 国家 同时也会成为公众及媒体关注的焦点。造成巨大的社

收稿日期: 2022-01-10

第一作者: 刘新科,男,本科,品

主要,每一块市第三作者的刺新科技是,本科技喜级工程师,从事城市轨道交通工程建设安全质量、应急管理理论与技术的研究工作,时内各共加到对企同产生元式,

Guangiong, Z剛用精武公別範科, 思河郭丘底東。 第、城市勃漠交通智慧此综合原象管理系统建设研究则。都市快勒交通, 2023, 36(1):1.59→64ke, WANG ail transit[J]. Urban rapid IAI fransit, WANG-Guangiong, ZHUANG Yim, et al. Construction of an integrated intelligent emergency managements urban r

system for urban rail transit[J]. Urban rapid rail transit, 2023, 36(1): 59-64.