

图书基本信息

书名：<<第四届土木工程结构生命周期国际学术会议论文集>>

13位ISBN编号：9787030262103

10位ISBN编号：7030262107

出版时间：2012-3

出版时间：科学出版社

作者：科学出版社 编

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

内容概要

All right reserved. No part of this publication may be reproduced , stored in a retrieval system, or transmitted in any form on by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permi- ssion of the copyright owner.

书籍目录

prefacekeynotes and invited lecturesintegrated lifetime management of civil infrastructure systems:recent accomplishments 3dan m. frangopol and andr é d. orcesirecent developments in performance-based seismic design of bridges 14nigel priestleycondition assessment, time-dependent reliability and remaining servicelife prediction for deteriorating structures 26mark g. stewartuse of structural health monitoring in destructive testing of bridges 38bj?rn t?ljstenhow to build crack-free durable concrete structures- concrete hardeningtechnology including modelling of shrinkage, creep and temperature ofyoung concrete and its influence on durability and lifetime 45jan-erik jonasson, mats emborg, lennart elfgren and kjell wallin3-d information modeling of road structures 51sang-ho lee, bong-geun kim and sang ii parkasset management system for lifetime engineering of road transport infrastructure 64jure radic and jelena bleiziffer.extending the life-time of existing bridges through load testing 77joan r. casasbridge management system (j-bms) in japan 88ayaho miyamotorenewability and sustainability in singapore ' s urban infrastructure 112khim chye gary ongmonitoring of typhoon effects on super-tall buildings 121q.s. li, y.q. xiao, j.r. wu c and z.n. listudy on the mechanical properties of corroded unbonded p.c. steel strand 130xiao-yong lu, zheng li and zhi-wu yuservice-life predicton of rc structures on multi- enviromental timesimilarity and bayesian updating 138wei-liang jin and xiao-zhou wangevaluations on dynamic behaviors and its environmental influencefactors of bridge based on long term monitoring 148limin sun and zhihua minultimate load-carrying capacity assessment for existing rc bridges 158jian-ren zhang, hui peng and jian-xin pengfinnish field tests on soil-structure interaction of integral abutment bridges 167olli kerokoskisimulation of concrete diffusion-based deteriorations by stochasticpartial differential equations (spdes) 175amir tarighatseismic retrofit of honshu-shikoku bridges 182kazuo endo and susumu fukunagaservice contract approach for managing infrastructure assets 191tommi rissanen, matti airaksinen and pekka siitonenthe innovative design of structural system forself- anchored suspension bridges 201jian-hua huexperimental research on retard-bonded prestressed concrete beams 214xian-yan zhou, xin feng and guo-hui caoenergy-based modal pushover method and its application to the seismicanalysis of continous rigid frame bridge 220guo-jing he and zhong-quan zouinspecting the injection quality of grouted tendon ducts with impact-echo method 228zhi-feng wang, xian-yan zhou and ban-fu yansession 1: service life of civil infrastructureoptimal maintenance strategies for existing bridges based on reliabilityanalysis and genetic algorithm 237ban-fu yan and li wua practical method on construction safe control of rc structure 244song-tao ba, su huang and wei-dong caimaintenance strategy to optimize bridge life-cycle cost 249xin-ping li and yi-dong hongquantitative assessment of life-cycle environmental impacts of bridgesbased on eco-indicator 99 255mu-yu liu and dan ou-yangtypical earthquake damage analysis and seismic strengthening suggestionsfor masonry building of primary and middle school in ning qiang afterwen chuan earthquake 261ren xin and jing wangseismic resistance principle of a multilevel roundabout junction structurebased on conceptual design 266tian-li wang, qing-ning li and hai-jun yinlifetime reliability analysis of ultimate limit states for existing prestressedconcrete bridge 272du bin, tian-yu xiang and ren-da zhaothe research on the evaluation model of the highway maintenance engineeringprojects 278shun-liang chen and jing-yu helife-cycle cost based deteriorating bridge optimum design method 282jian-xin peng, xu-dong shao, jian-ren zhang and dong-huang yanthe economic benefit analysis of disaster prevention on railwayengineering infrastructure 288jian-ling huang, ding-ying yang and lin-rong xusession 2: monitoring, assessment, maintenance and repairvibration-based cable force measurement of inclined cable with anattached vibration absorber 297qing-zhi chen, ban-fu yan and guang-wu wangperiodic inspection and condition assessment of a cable-stayed bridge 304min shen, ban-fu yan and xian-bin zengdynamic analysis and condition assessment of a highway bridge basedon ambient excitation 310min-shui huang, yi-dun chu, wen-sheng xu and hong-ping zhudetermining the rational completion cable force of cable-stayedbridges by an optimization method 316jun yangrehabilitation of the third shiqiao bridge by external prestressing 320hai-bo jiang, wei-jian yi, chun-gen wei and fei-xin huangdamage assessment using the energy dissipation ratio of acceleration signals 324zhi-gen wu, guo-hua liu, zi-hua zhang, fang-jian zhu and zhong-kai xieassessment of collapse disaster during tunnelconstruction 331wen-bing lu, he-lin

fu, wei sun and hong shen application of rosenblueth method in the reliability analysis of the internal stability of reinforced gabion retaining walls 337 xiang-jing huang, gui-lin xu and wei wang reliability analysis of serviceability limit state for flexural behavior of rc beams strengthened with prestressed cfrp sheets 344 sheng-hua jiang, jian-guo hou and ying-ming he the application of extension interval fuzzy comprehensive judgement method on assessment of engineering structure 351 guo-zhang liang, hong-ming he and sheng-li zha corrosion damage diagnosis of a reinforced concrete structure exposure in chloride-sulphate-induced environment 355 kun-lin ma, you-jun xie, guang-cheng long and zhi-ming he research and assessment on static and dynamic characteristic test of binwang bridge 361 ke-jian chen and shu-jun fang corrosion effect on cable state of long-span cable-stayed bridges 366 juan huang and li-qun tang concrete-filled steel tubular frame tied arch bridge replacement project 372 min-yuan huang wavelet analysis and denoising on low strain dynamic testing curve 378 ke ding and teng dong tunnel roof stability diagnosis based on wavelet transformation analysis under blasting effect 382 bo song, yi-ming xue, jian-shi pan and zong-wen wang tracking identification method of structural vibration based on improved neural networks 388 jian jun liu, kaiquan xia and caixia zhu experimental study of old bridge's dynamic reliability assessment 395 qiang chen, yang-jun meng and xian-yan zhou energy analysis on blasting vibration signal at damage process of surrounding rock roof 399 ye cao, bo song, jian-shi pan and dong-liang zhou seismic assessment and reinforcement of guang minaret 406 ying-xian zou, she-liang wang and gang li investigation on construction quality indices for pc continuous box girders 412 wen-qing wu, bo li, qun-hua xie and xiao-gang chen experimental study on the bond behavior between corroded bar and concrete 418 tian-cheng ai, gang xu and qing wang experimental study on the residual capacity of corroded reinforcing bars 424 gang xu, tian-cheng ai, wei-jun zhang and qing wang research on factors affecting longitudinal corrosion cracks in concrete structures 430 qing wang, gang xu, qiong sun and jun wei study of stone arch bridge strengthening and maintenance strategy based on fuzzy decision and markov process 434 feng-qi guo, zhi-wu yu and wei-hua shi spectral analysis approach of environmental actions on concrete structures 439 xiao-chun liu and jun wei reliability analysis of existing bridge based on neural network-response surface 444 jian-ying chen and guo-jing he a combined fnm method for time-dependent reliability evaluation of existing bridges 448 peng ke ke application of acoustic reflection imaging logging in appraisal of karst near pile position 455 zhong-qiu xie, xian-yan zhou, cao jun, zhen-yu li and yu-chi zhang transient damping feature extracting methods and application 460 zhong hong yan, ayaho miyamoto and zhongwei jiang deflection measurement for large-span bridge with surveying robot 466 jia-yong yu, xu-dong shao, ban-fu yan, kun zhang and jian-xin peng health monitoring system of submerged floating tunnel prototype in qiandao lake 471 yi-qiang xiang, ke-qian zhang, chun-feng cao, antonio fiorentino and federico mazzolani application of hilbert-huang transform to identify modal parameters for large bridge 478 jia xu, feng-hai ma and sheng-xiang huang experimental study on the deflection of concrete beams reinforced with gfrp and steel rods 482 ye tian field experiments and numerical simulation analysis on explosion in steel tubes 488 xin-ping li, yi-fei dai, jin-huan liu, ming zeng, li-sheng liu and kai-guang zhang the study of the engineering structural health monitoring system based on the wireless sensor networks 494 jian-wen cao and xin-li wei static and dynamic load test of prestressed concrete continuous bridge 501 fa-yi zhan, guo-jing he, ai-jun chen and jin yi session 3: analysis, design and computation method for structural engineering effective shear stress fracture initiation criterion for closed-crack 509 hui yang, ping cao, xue-liang jiang, yu chen and zhen-zi li finite element-based structural reliability and sensitivity analysis of a single-pylon cable-stayed bridge 515 wei li, quan-sheng yan and da-jian han seismic response analysis of high-pier and long-span continuous rigid-framed bridge under non-uniform excitation 521 ling-ling yu and jie-jun wang finite element analysis of dynamic characteristics and bracing beam influence on concrete-filled steel-tube of tied-arch bridge 526 min-chao jin and chang-sheng guan spatial structural analysis and test study of a three-span prestressed concrete super-wide city bridge 531 xu-hui he and a. scanlon study on reinforced concrete grid frame construction system with phosphogypsum as the wall 537 ya-qin lu, ke-jian ma and fei li mechanical behavior of drilling derrick using fem 543 peng-zhen li experimental study on composite deck of through tied-arch bridge 548 de zhou, mei-xin ye and jia chen practical calculation method of cracks of concrete beam reinforced with frp tendons 555 guo-dong zheng and xie-dong zhang random simulation research on ships collision speed of bridge 559 guo-dong zheng and bo

gengresearch on semi-active control with mr damper for aqueduct underlongitudinal earthquake excitation 565bo wang, liang huang, jian-guo xu, yu-jie hou and guo-dong zhangstudy on seismic behavior of building structures on slope site 570guo-dong zhang, xing jin, fei chen and rong-bin lifinite element analysis of the effects of water ' s freezing in a hole in abridge deck pavement 577cheng-long wei, guang-hui wang and cui-ping tangbehavior of tianxingzhou yangtze bridge of wuguang passenger dedicated line 581ye-zhi zhang and ying-hui liuobservation and research on temperature distribution in concrete boxgirders of continuous rigid frame bridges 587can-bin yin, jie-jun wang and fang yuresearch on reinforced concrete grid-frame structure with phosphorusgypsum as energy-saving material 592li li, ke-jian ma, hua-gang zhang and ya-qin lulateral vibration of train-bridge by mode method 598shi-ruo yang and fa-yi zhanstud caculation and layout in plate-truss composite structure 603jia chen, mei-xin ye and de zhouexperimental analysis of overall performance of beam- slab type bridge 610qian-qiu yin and shu-jun fangthe seismic resistant capacity of steel fiber reinforced high strengthconcrete frame joints 616dan-ying gao, jun-wei zhang and ting-yan wangheat-solid coupling numerical simulation of single-cell reinforced concreterectangular liquid-storage structures under thermal environment 623xuan-sheng cheng, zhi zhou and jia-xuan suorder-2 superharmonic analysis of suspended cable under a concentrated load 626rui-ji deng, zi-li chen, li-qun shi and guo-ping chenstudy on the stability of shield working face based on limit equilibrium theory 632xiao-lian meng and zhong-heng shibase on deformation of nonlinear finite element analysis on high performanceconcrete structural walls 639kai-ze ma and xin-wen liangexperimental study on shear strengthening of rc beams with cfrp sheetson the side faces 645guo-dong zhang, rong-bin li and xing jinexperimental research of vehicle-bridge coupling vibration of double arch bridge 649yang-jun meng, xian-yan zhou and qiang chenanalysis of temperature distribution and thermal stress of yangtze rivertunnel lining subjected to fire load 654zhi-bin zhao and mu-yu liulive load distribution factor computation and load test of baqu river bridge 659gui-yun xia, chuan-xi li, qing-yuan zeng and mao-hong yucreep effect on ultimate strength of concrete columns 665guo-hui cao, ran he, xiao-fang liu and xiang-rong liuseismic behavior analysis of high-piers continuous rigid frame bridge 671yu-rong wei and shao-hua guomechanical behavior comparisons of the buried corrugated steel platebridges with various arch axis shapes 677cheng-dong yang, bao-dong liu, bing han and quan-lu wangcalculate long-term deflections on equivalent flexural principle 683guo-xue zhang, zhi-hao zhang and zhou dingapplication of inversion reduced-basis method on structural undampedfree vibration 690yong-hong liexperimental and numerical analysis of steel-concrete composite slabwith perfobond rib connectors 695yu-lin zhan, ren-da zhao, xue-ming mao and bi-xia donganalysis on prestress loss caused by friction in curved duct in the design ofprestressed concrete structure 701kai-yin zhang and chen chengfracture mechanics analysis for concrete cracking process due to rust expansion 706jun wei, long-fei cao, zhen-yu wang, xiao-chun liu and yue xua study for concrete crack width model due to reinforcement rust expansion 711jun wei, qing huang, zhen-yu wang and yue xudynamic analysis models of bridge piers in collision with shipconsidering the combined effect of pile-soil 716qi-zhi luo, zhi-bin huang, xi-wu zhou and zhong-shan xuresearch on construction technology of expelling the danger andaseismic reinforcement for cavity wall building in rural areas 724da-chuan chen and kuan tangexperimental research on hysteretic behavior of angles ' connections 731feng-xia liproblems and advances on the application of pushover method in bridgeengineering 735zhong-quan zou and guo-jing hecovariance proper transformation-based pseudo excitation algorithm forwind-induced responses of high-rise buildings 742le-dong zhu, dong-mei huang, wei chen and quan-shun dinganalysis on unbonded prestressed structure by lateral restraint 751wei-xun huresearch and application of capacity spectrum method in seismic assessmentof rigid frame bridge 755yuan-yuan li, guo-jing he and zhong-quan zoudesign and research of changsha hongshan bridge — a harp shaped cablestayed bridge with no backstays 761ai-jun chen and xu-dong shaoresearch on dynamic characteristic of tensegritys 769ji zhou and qi-lin zhanga parametric ultimate strength fea investigation on concrete deck of areal bowstring arch steel-concrete composite bridge 776ru-deng luothe simplified formula of natural period for steel frame with semi-rigidconnections 782xi-bing hu and yao xiongresearch on stability capacity of composite panel in web steel structure 788guo-yu lv and cang-ru jiangultimate strength of directed welded tubular joints with welded defects 794sen-zhi ren and guo-jing heanalysis of lateral rigidity limit value for steel truss bridge 801shi-ruo yang and le

yanganalysis theory of train derailment under consideration of wind action 804rui-lin chen, qing-yuan zeng and jun xiangreliability of series system of isolator with base column 810yong-feng du and qing-guang heanalysis of the reinforcement scheme of bent structure reinforcementbased on seismic reliability 814qing-guang he, yong-feng du, mei lin and jia-liang koustress on the contact surface caused by creep effect of twice-prestressedcomposite beam 818yun-yao hu, xu-dong shao and jian-hui luoa study on practical calculation method for assembled skew hollow slab bridges 826xiao-yan liu, xiang-sen, ou-yang and xiao-lei licreep effect of twice prestressed concrete beam 832jian-jun yang, xu-dong shao and ya-dong zhoustate-of-the-practice on twice prestress technology 837ya-dong zhou, xu-dong shao, jian-jun yang and jian-xin pengthe settlement analysis of approach slab of innoviative jointless bridgeunder traffic load and temperature load 844xue-fang zhan, xu-dong shao and xiao-qin jindifferent simulation methods in thin-walled steel box girder 852hui zhang, zi-jiang yang, shi-zhong liu, gui-xia ning and bo zhangfree vibration analysis of functionally graded timoshenko shear beam 857hong ye, yuan-you xia, jie chen and yi-fei daico-rotational procedure for finite element analysis of triangular planeelement of large displacement 863ji-hua deng, xu-dong shao and song-bai caisession 4: analysis, design and computation method for geotechnial engineeringthe distribution mode of slope pressure on prestressed anchor-cableground-beams in crushed and loose rock slopes 871shi-guo xiaoseismic stability analysis on steep slope embankment of highway inmountainous area 877jian zhaodeformation of subway foundation pit with sapso-nn hybrid algorithm 883jian guo, jing gong and yin-ping listability analysis on thin-wallde piers affected by eccentric load 888shao-wei duan, xiao-wei tao and yu-xiong zhuiinvestigation on rock and water coupling biot parameters 893hui sun and ying-fa lucontainer yards settlement observation tests and analysis prediction of a port 899xiao-ping liu, xuan-he pan, rui-li lei and neng-bei wangapplication of strength reduction in the unlined loss shallow-buried tunnel 903xuan-sheng cheng, jia-xuan su and zhi zhounonlinear finite element analysis of high rockfill embankment on steep slope under self-weight loads 906cheng-zhong yang, xin-rong liu and shu-fang wangreliability of underground pipeline structures induced by parallelshield tunnel excavation 912qiang zhang, cheng-yong yang and qian-feng chengexperimental study of earth temperature and deformation propertiesfor thermal insulation roadbed in qinghai-tibet railway 918ming zhu, rong-gui den, yao-zong wu and fa-yan mingexperimental study on shear creep characteristics of nanning unsaturatedremodelled expansive soil 924hong-bin xiao, zhen-yu li, zhi-qiang fan, hao xu and ke tengcontrast research of working properties for composite foundation withflexible tapered piles and cylindrical piles 931jie liu, jie he, chang-qing min and yin-xiang wangexperimental study on soil nailing in expansive soils considering rainfall effect 937fang-cai zhu jian-hua li and hong-bin xiaoseismic response analysis of high embankment 942cheng-zhong yang, xin-rong liu and shu-fang wangoptimization design of high cutting slopes ratio in expressway and its application 948ze-song chen, yuan-you xia, liang-liang zhang, rui rui and xin-tong liback analysis on rock mechanics parameters for side- expanding sectionof highway tunnel based on bp neural network method 954liang-liang duan and guo-jing hethe settlement prediction of high rockfill embankment in whole process 961cheng-zhong yangthe impact of heterogeneous strength on asphalt pavement of broaden embankment 967feng liu, yong-qing rui and yue-jun lisolution for the soil principal stresses induced by the cylinder rigidsubjected to a normal force 972hong ye, yuan-you xia and yi-fei daistudy on optimization design method for dry jet mixing pile 976xiang-yang chensession 5: innovative material engineeringeffect of acid on inhibition to bamboo mold 983zhong-feng zhang, wan-xi peng, feng-juan wu and wang junexperimental investigation on mineral admixture in improving theproperties of concrete to sulfate attack 987xu-guang tang, you-jun xie and guang-cheng longapplication of polypropylene fiber in concrete used in high speed railway 993kun-lin ma and zhi-hua oumechanic characteristics of polypropylene fiber concrete 998chen-fei wang and di-tao niueffect of surface covering on porosity of steam-cured concrete 1003zhi-min he and jun-zhe liuinfluence of sea sand on the hydration behavior of cement based materials 1009wei liu, biqin dong, hong-yan ma and feng xinginvestigation on the compressive strength of fresh concrete after simulatedearthquake 1014gu-hua li, jian-dong wei, guang-jie he, ke wang, bin liu, ming-qiang xu and hai-ling hancomparison research on measuring early-age property of concrete by threedifferent methods 1018ying-wei yun, ii-young jang, seong-kyum kim, hee-ho kim, suck-minn song and young-gune kimcompressive strength of concrete with manufactured sand 1023wen yi, yong-he wang, zheng-yu li

and yun-gang luth thermodynamics research of cork used for construction material 1027xin-li wei, shi-long xiang
and jian-wen caoexperimental study on temperature shrinkage property of epoxy resin concrete 1033ke-fei
liucomparative analysis of mechanical properties of fly ash concrete in28-day and 90-day 1038xiao-peng hu, di-tao
niu and yong-li zhangprediction of water sorptivity in cement-based materials 1042li-cheng wang

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>