

Footbridge vibration and dynamic design (fine)



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Reviews

Thorough manual for pdf lovers. I am quite late in start reading this one, but better then never. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Kaycee McGlynn)

FOOTBRIDGE VIBRATION AND DYNAMIC DESIGN (FINE)



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paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 283 Publisher: People's traffic Pub. Date :2009-10-01 version 1. The book is divided into six chapters and an appendix. Chapter 1 Introduction describes the footbridge vibration and typical vibration in all aspects of the accident. Chapters II and III described the footbridge dynamic design of the basic principles and methods. Chapter IV discusses the current footbridge lateral vibrations of the main principles. Chapter V summarizes the footbridge system vibration design methods, principles and simulation technology. Chapter VI to China, a large-span pedestrian bridge design, for example, demonstrates the power design (including vibration design) of the whole process. Appendix describes the Germany 2007 Design Guide (EN03) for reference. Book for pedestrian bridge design, construction and construction personnel and related research officers. Contents: Chapter 1 Introduction 1.1 United Kingdom London Millennium Bridge lessons 1.2 Other incidents footbridge footbridge 1.3 Review of the basic principles of vibration and research content 1.4 footbridge dynamic design development and the pedestrian pace of Chapter Introduction 2.1 dynamic load pedestrian pace of the classification and study of dynamic load method of measuring the dynamic load 2.2 feet 2.3 feet single load of more than 2.4 feet mathematical models of dynamic load mathematical model Chapter pedestrian bridge structural vibration excitation 3.1 footbridge structure of the dynamic characteristics of power 3.2 designed to simplify analysis of 3.3 person-induced vibration of pedestrian bridge pedestrian bridge fine algorithm 3.4 3.5 Foreign comfort span pedestrian bridge Power Design Chapter lateral vibration of pedestrian bridge theory 4.1 Introduction 4.2 footbridge direct resonance theory 4.3 footbridge footbridge interaction theory 4.4 4.5 theory of parametric resonance of the bridge the crowd moving compressible fluid model of Chapter footbridge design of passive energy dissipation...



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