

<<大坝技术及长效性能研究进展>>

图书基本信息

书名：<<大坝技术及长效性能研究进展>>

13位ISBN编号：9787508490182

10位ISBN编号：7508490185

出版时间：2011-9

出版时间：贾金生 中国水利水电出版社 (2011-09出版)

作者：贾金生

页数：782

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>

<<大坝技术及长效性能研究进展>>

内容概要

In recent years , the global economic and social development has encountered many difficulties and problems , such as earthquakes , tsunamis , hurricanes , floods , severe droughts , climate changes , energy and economic crises. History of human development has demonstrated that dam has played and will continue to play an important role in addressing the difficulties and challenges.

<<大坝技术及长效性能研究进展>>

书籍目录

Preface
Theme 1: Methods of Design and Analysis for Dams
Theme 2: Environment-friendly Technologies for Dam Construction
Theme 3: Long-term Operation and Maintenance of Dams
Theme 4: Dam Rehabilitation and Upgrade
Theme 5: Dam Safety Assessment and Risk Management
Theme 6: Reservoir Management

<<大坝技术及长效性能研究进展>>

章节摘录

版权页：插图：Abstract: Thermal loads are the stress boundary condition of masonry arch dam, The annual temperature field and temperature variation field are natural environmental boundary conditions, and are difficult to control artificially, but the joint closure temperature field can be controlled by engineering measures. For masonry arch dam without transverse joints, the joint closure temperature of different layers are changed with air temperature, construction materials and masonry temperature. Confirm an advisable joint closure temperature is effective mean for controlling the stress of masonry arch dam. By way of simulative analysis of the temperature field and stress field on masonry arch dam, the effect law on the stress of masonry arch dam is analysis under the conditions of the different closure temperature field, a closure temperature stress simulation model for masonry arch dam and a corresponding expression are proposed. The computation results of one case study show that the model used to determine the temperature range of joint closure is reasonable and masonry arch dam stress can be effectively controlled. This method has practical value for the design and construction of masonry arch dam. Key Words: Masonry Arch Dam; Stress of Arch Dam; Safety joint closure temperature; Calculation Model.

<<大坝技术及长效性能研究进展>>

编辑推荐

为总结混凝土坝技术取得的巨大成就，明确国际坝工界具有里程碑意义的工程，中国大坝协会组织编写了这本《大坝技术及长效性能研究进展》。

全书收录了近百篇国内外专家的论文，反映了国际和国内在大坝技术及长效性研究方面最新、最先进的科研成果。

<<大坝技术及长效性能研究进展>>

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>