

<<混凝土坝非线性特性与地震安全评价>>

图书基本信息

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## <<混凝土坝非线性特性与地震安全评价>>

### 内容概要

《清华大学学术专著：混凝土坝非线性特性与地震安全评价》由作者及其合作者在国际上发表的论著中选择具有代表性的25篇论文编辑而成，是作者及其合作者近10年来研究成果的结晶，其中在混凝土坝的非线性动力损伤开裂分析模型与钢筋加固模拟、混凝土坝，地基系统从小变形到大变形破坏全过程的仿真模拟、混凝土坝的静动力安全评价方法、混凝土材料的细观力学模拟等方面均有所创新和发展。

本书内容共分为五部分：1.主旨概述；2.结构、地基和流体、固体动力相互作用；3.混凝土坝的非线性地震反应；4.混凝土坝安全评估的相关问题；5.混凝土材料的细观力学行为。

本书可供水工结构和岩土地基工程师与研究者在从事高坝与结构地基非线性静、动力分析与抗震设计研究工作中参考，并可作为从事有限元、离散元结构数值分析的科技人员与高等院校有关研究生的参考用书。

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### 编辑推荐

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本书内容共分为五部分：主旨概述，结构-地基和流体-固体动力相互作用，混凝土坝的非线性地震反应，混凝土坝安全评估的相关问题，混凝土材料的细观力学行为。

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