Record Nr. UNINA9910828980303321 Earthquake engineering for concrete dams: design, performance, and **Titolo** research needs // Panel on Earthquake Engineering for Concrete Dams. Committee on Earthquake Engineering, Division of Natural Hazard Mitigation, Commission on Engineering and Technical Systems, National Research Council Washington, D.C., : National Academy Press, 1990 Pubbl/distr/stampa **ISBN** 1-280-21221-7 9786610212217 0-309-59498-7 0-585-15540-2 Edizione [1st ed.] Descrizione fisica 1 online resource (x, 143 pages): illustrations Altri autori (Persone) CloughRay W. <1920-> 627/.8 Disciplina Soggetti Concrete dams - Design and construction Concrete dams - Earthquake effects Earthquake engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Ray W. Clough, Chairman, Panel on Earthquake Engineering for Note generali Concrete Dams." Includes bibliographical references [p. 127-143]. Nota di bibliografia Nota di contenuto Earthquake Engineering for Concrete Dams: Design, Performance, and Research Needs -- Copyright -- Contents -- Executive Summary --EARTHQUAKE INPUT -- LINEAR RESPONSE ANALYSIS -- NONLINEAR RESPONSE ANALYSIS -- OBSERVATIONAL EVIDENCE -- SEISMIC PERFORMANCE CRITERIA -- 1 Introduction -- THE HAZARD OF DAMS --SEISMIC SAFETY OF CONCRETE DAMS -- SCOPE OF THE REPORT -- 2 Earthquake Input -- EARTHQUAKE EXCITATION CONCEPTS -- Standard Base Input Model -- Massless Foundation Rock Model -- Deconvolution

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