



# An Introduction to Earthquake Response Analysis of Arch Dams

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By J Paul Guyer

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This publication provides introductory technical guidance for civil engineers, structural engineers and other professional engineers and construction managers interested in earthquake response analysis of concrete arch dams. Here is what is discussed: 1. INTRODUCTION, 2. GEOLOGICAL-SEISMOLOGICAL INVESTIGATION, 3. DESIGN EARTHQUAKES, 4. EARTHQUAKE GROUND MOTIONS, 5. FINITE ELEMENT MODELING FACTORS AFFECTING DYNAMIC RESPONSE, 6. METHOD OF ANALYSIS, 7. EVALUATION AND PRESENTATION OF RESULTS.



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