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1202 M.A. Najafgholipour et al. / Finite Element Analysis of Reinforced Concrete Beam-Column Connections with Governing Joint Shear€! Latin American Journal of Solids and Structures 14 (2017) 1200-1225 pect ratio and beam longitudinal reinforcement ratio on the shear strength and deformability of

Finite Element Analysis of Reinforced Concrete Beam-Column

PEER 2014/20 - Stochastic Modeling and Simulation of Near-Fault Ground Motions for Performance-Based Earthquake Engineering Mayssa Dabaghi, Armen Der Kiureghian - Report PEER 2014/19 - Seismic Response of a Hybrid Fiber-Reinforced Concrete Bridge Column Detailed for Accelerated Bridge Construction

PEER Reports | Pacific Earthquake Engineering Research Center

Geologic modelling, geological modelling or geomodelling is the applied science of creating computerized representations of portions of the Earth's crust based on geophysical and geological observations made on and below the Earth surface. A geomodel is the numerical equivalent of a three-dimensional geological map complemented by a description of physical quantities in the domain of interest.

Geologic modelling - Wikipedia

Reservoir characterization overview. Reservoir characterization encompasses all techniques and methods that improve our understanding of the geologic, geochemical, and petrophysical controls of fluid flow. It is a continuous process that begins with the field discovery and all the way through to the last phases of production and abandonment.

Geostatistical reservoir modeling - petrowiki.org

Base isolation, also known as seismic base isolation or base isolation system, is one of the most popular means of protecting a structure against earthquake forces. It is a collection of structural elements which should substantially decouple a superstructure from its substructure resting on a shaking ground thus protecting a building or non-building structure's integrity.

Base isolation - Wikipedia

Printable Version of April 2010 LFD Seismic Info: EPG 751.9 LFD Seismic presents the very latest information, but this pdf file may be helpful for those wanting to easily print the LFD seismic information as it was in April 2010.

751.9 LFD Seismic - Engineering Policy Guide

Sparsity and Continuity Enhancing Seismic Imaging* Peyman P. Moghaddam¹, Felix Herrmann², and Chris Stolk². Search and Discovery Article #41532 (2015) Posted March 2, 2015 *Adapted from extended abstract prepared in conjunction with a presentation given at CSPG/CSEG 2007 GeoConvention, Calgary, AB, Canada, May 14-17, 2007,

Sparsity and Continuity Enhancing Seismic Imaging, #41532

at: Ruhr University, Bochum In the context of the competition "Built on IT – professions in the construction industry with a future", young professionals were honored for their outstanding and practice-oriented IT solutions - including the special Startup Award for a spin-off of the SFB 837.

SFB 837 - Ruhr-University Bochum

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Advanced Concrete Technology

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Rayfract Seismic Refraction Software

Even though it has never been validated by objective testing, Probabilistic Seismic Hazard Analysis (PSHA) has been widely used for almost 50 years by governments and industry in applications with lives and property hanging in the balance, such as deciding safety criteria for nuclear power plants, making official national hazard maps, developing building code requirements, and determining ...

Why is Probabilistic Seismic Hazard Analysis (PSHA) still

General Reference. PetroWiki - upstream oil and gas industry's fully moderated wiki, based on the Petroleum Engineering Handbook. WORLD DATA at DOE/EIA - not just USA data at the Energy Information Administration. Energy4me - energy education resources for students, educators and the public. Organization of Petroleum Exporting Countries (OPEC) - world statistics

Gary S. Swindell, Petroleum Engineering

The journal aims to encourage and enhance the role of mechanics and other disciplines as they relate to earthquake engineering by providing opportunities for the publication of the work of applied mathematicians, engineers and other applied scientists involved in solving problems closely related to the field of earthquake engineering and geotechnical earthquake engineering.

Soil Dynamics and Earthquake Engineering - Journal - Elsevier

Engineering Geology is an international interdisciplinary journal bridging the fields of the earth sciences and engineering, particularly geological and geotechnical engineering. The focus of the journal is on geological or engineering studies that are of interest to engineering geologists, whether their initial training is in geology or civil/mining engineering.

Engineering Geology | ScienceDirect.com

C Ca-Cd Ce-Ch Ci-Co Cp-Cz. Ca-Cd. Cenozoic Paleogeographic Reconstruction of the Foreland System in Colombia and Implications on the Petroleum Systems of the Llanos Basin, Víctor M. Caballero, Andrés Reyes-Harker, Andrés R. Mora, Carlos F. Ruiz, and Felipe de la Parra, #30293 (2013).. The Magnitude vs. Distance Plot - A Tool for Fault Reactivation Identification, Carlos Cabarcas and Oswaldo ...

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iii Preface This book explains concepts in behaviour of buildings during earthquakes. The book dwells on basic concepts in earthquake resistant design of buildings, first describes these at a conceptual

Some Concepts in Earthquake Behaviour of Buildings

UNESCO – EOLSS SAMPLE CHAPTERS GEOLOGY – Vol. V – Methods of Exploration and Production of Petroleum Resources - Ione L. Taylor ©Encyclopedia of Life Support Systems (EOLSS) causing a shift in the demand for liquid fuel towards greater use of natural gas (methane) for non-transportation needs.

Methods of Exploration and Production of Petroleum Resources

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