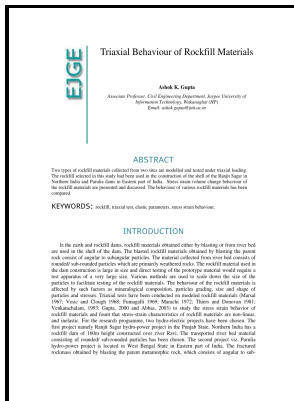# Use of one-dimensional compression tests and elastic theory in predicting deformations of rockfill embankments.

Building Research Establishment - Dissertations / Theses: 'Eler Dam Concrete Face Rockfill Dam Defined Unit Cost Cost Analysis'

Description: -
-use of one-dimensional compression tests and elastic theory in predicting deformations of rockfill embankments.
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Current Paper -- 51/76use of one-dimensional compression tests and elastic theory in predicting deformations of rockfill embankments.
Notes: This paper is published in the Canadian Geotechnical Journal, Vol 13, No 3, pp 189-200, August 1976.
This edition was published in 1976

Filesize: 53.95 MB

Tags: #James #Anthony #Charles

13. A study of the stress

The numerical models use a semi-implicit Lagrangian finite difference scheme and a WAF Riemann problem based method, the governing equations being the Saint-Venant equations for an invisid and incompressible free surface flow. Abstract: PONTIFÍCIA UNIVERSIDADE CATÓLICA DO RIO DE JANEIRO COORDENAÇÃO DE APERFEIÇOAMENTO DO PESSOAL DE ENSINO SUPERIOR PROGRAMA DE EXCELENCIA ACADEMICA A disposição de rejeitos tem sido uma preocupação muito importante nas empresas de mineração de todo o mundo, tendo como principal motivo a proteção do meio ambiente. The purpose has been to evaluate a design suggestion for a tailings dam located in Mexico, and this was done from a strain stress perspective which also included a seepage and displacement analysis.

A constitutive model for municipal solid waste considering mechanical creep and biodegradation

Two dimensional 2D plane strain finite element model was utilized to analyse the straight dam. During first part of my research, I have investigated various spectrally based distance measures for use in computation of the join cost by designing a perceptual listening experiment. Here also, the strain in material depends only on stress applied rather than history of loading and the rate of loading.

A constitutive model for municipal solid waste considering mechanical creep and biodegradation

Reddy KR, Kumar G, Giri RK 2017 Influence of dynamic coupled hydro-bio-mechanical processes on response of municipal solid waste and liner system in bioreactor landfills. Two dimensional plane strain finite element analyses are carried out in order to determine the total stresses, displacements and pore water pressures. Cette différence est associée au travail mécanique dû à la rupture des particules.

Crushing and oedometer compression of rockfill using DEM

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Sverige, där temperaturen blir tillräckligt låg för att frysa ytvattnet i en flod. Mánica MA, Gens A, Ovando-Shelley E, Botero E, Vaunat J 2021 An effective combined framework for modelling the time-dependent behaviour of soft structured clays. Mohr Coulumb model is simple and applicable to three dimensional stress space model to describe plastic behavior.

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