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EFFECTS OF AGGREGATE TYPE, SIZE, AND CONTENT ON CONCRETE STRENGTH AND FRACTURE ENERGY By Rozalija Kozul David Darwin A Report on Research Sponsored by THE NATIONAL SCIENCE FOUNDATION

EFFECTS OF AGGREGATE TYPE, SIZE, AND CONTENT ON CONCRETE

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Hydraulic fracturing - Wikipedia

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material. For example, when a solid vertical bar is supporting an overhead weight, each particle in the bar pushes on the particles immediately below it.

Stress (mechanics) - Wikipedia

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The use of discrete fracture networks for modelling

1.1 Bond strength between concretes of different ages. Dimensional compatibility between concrete from repair and substrate is related to the ability of recovery material to distribute tensions at the contact surface, which are caused by different deformations of materials, without detachment or cracking in repair layer, after Li & Li [].The lack of dimensional compatibility is cited as one of ...

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OFFSHORE STRUCTURAL INTEGRITY FOR EXISTING STRUCTURES

Professor Frances Kirwan Oxford University (United Kingdom) Frances Kirwan is the Savilian Professor of Geometry at the Mathematical Institute in Oxford. Her research lies in the area of algebraic geometry (mostly over the field of complex numbers) and its links with other parts of geometry, especially symplectic (and hyperkähler) geometry.

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