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Fracture mechanics - Wikipedia

Fracture mechanics, which is the subject of this course, is concerned almost entirely with fracture-dominant failure. The commonly accepted first successful analysis of a fracture-dominant problem was that of Griffith in 1920, who

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considered the propagation of brittle cracks in glass.

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Fracture (geology) - Wikipedia

Cracks in rock are a mechanism of brittle deformation in response to stress. A fracture is any separation in a geologic formation, such as a joint or a fault that divides the rock into two or more pieces. A fracture will sometimes form a deep fissure or crevice in the rock. Fractures are commonly caused by stress exceeding the rock strength, causing the rock to lose cohesion along its weakest ...

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Tensile deformation and fracture mechanisms of Cu/Nb ...

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