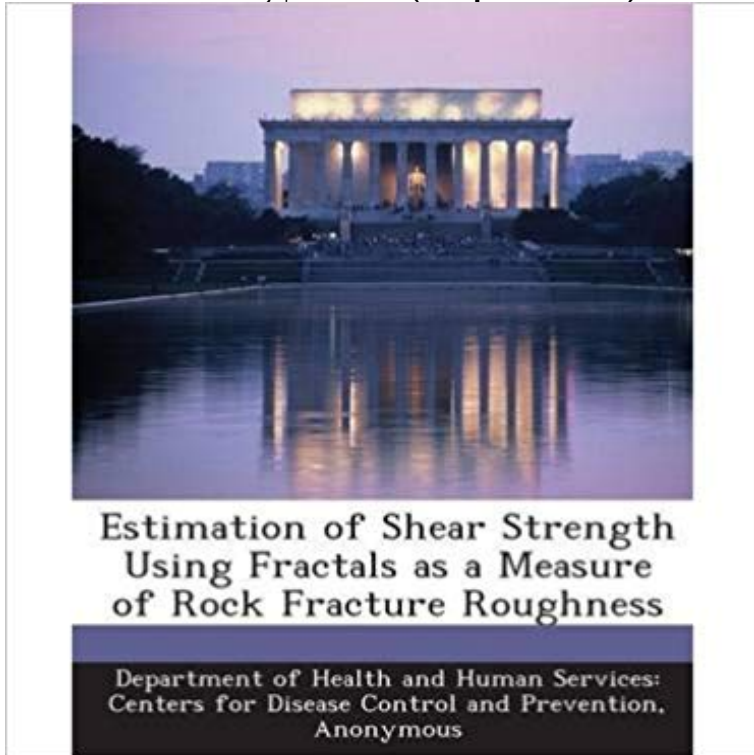


## Estimation of Shear Strength Using Fractals as a Measure of Rock Fracture Roughness (Paperback) - Common



Researchers at the U.S. Bureau of Mines investigated the use of close-range photogrammetry and subsequent stereo digitizing to obtain data from rock fracture roughness profiles. The photogrammetric process yielded results that were acceptable but somewhat inferior to those obtained by a mechanical profilometer. On the basis of this study, further pursuit of photogrammetry as a data collection meth...

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Language: English **Relationship between joint roughness coefficient and fractal** measured rock fracture surfaces are in good agreement with the measured rock Keywords: Fractal geometry Fractal interpolation surface Rock fracture surface Surface roughness strength, and conductivity of rock masses significantly. and determination of a vertical scaling factor are given by using the principles of. **surface roughness evolution and mechanical behavior of rock joints** Report of Investigations 9447. Estimation of Shear Strength Using Fractals as a Measure of Rock Fracture Roughness. By P. C. McWilliams, J. C. Kerkering, and **Estimation of Shear Strength Using Fractals as a Measure of Rock** Nov 30, 2016 Reddit Download full-text PDF masses. 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