

# Computational Methods In Elasticity And Plasticity Solids And Porous Media

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title={Computational Methods in Elasticity and Plasticity: Solids  
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approximations is to assume linear elasticity below some limit above which the material is perfectly plastic, i.e. the stress remains constant. This is shown in Figure 2(a). Another common approximation is the rigid-perfectly plastic material model. Here the elastic strains are ignored altogether and deformations then take place only when the

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Single-cell mechanics--An experimental-computational method for quantifying the membrane-cytoskeleton elasticity of cells. Tartibi M(1), Liu YX(2), Liu GY(2), Komvopoulos K(3). Author information: (1)Department of Mechanical Engineering, University of California, Berkeley, CA 94720, United States.

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