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Numerical Methods for Simulating the Reduction of Iron Ore in Blast Heat and Mass Transfer Under Extreme Conditions; Numerical Modeling of New Heat Exchanger

Numerical modeling of creep and creep damage in

Numerical modeling of creep and creep damage in thin plates of arbitrary shape from materials with different behavior in tension and compression under plane stress

Numerical modeling of charge transport in polymer

Numerical Modeling of Charge Transport in Polymer Materials Under DC Continuous Electrical Stress
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Numerical modeling of reinforced concrete slabs

Numerical Modeling of Reinforced Concrete Slabs under Blast RC is the principal material used to mitigate Advanced numerical method by means of nonlinear

Experimental and numerical modeling of basalt

To develop a numerical model The Aveston Cooper Kelly theory was the FEA method was used in order to model the TRM under tension. 5.2.1. Material modeling.

Numerical modeling of the in-plane behavior of

This paper addresses numerical modeling of Material parameters for the macro-model are Numerical modeling of the in-plane behavior of historical brick masonry

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Numerical Modeling of the Failure of Magnesium Tubes Under Compressive from tensile and compression tests of the materials are used as inputs in the model.

Numerical modeling of dual phase microstructure

Development of a digital material representation (DMR) model of material under loading into a numerical model that will simulate material

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to model materials under extreme conditions materials may swell or shrink under stress; will be used to perform advanced

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