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**Nonlinear Analysis of Straight Beams and Circular Shafts**
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**Fatigue Strength Assessment of Ship Structures**
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**Analysis of Angle Deviation of the Wall Element at Spherical Reservoir for Liquid**
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**The Critical Crack Tip Opening Displacement and Critical Crack Extension of the Strength Mismatch Weld Joints**
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**A co-rotational approach and modal synthesis in design of mechanical systems undergoing large rotations**
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**Risk Minimization in the Designing Procedure**
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**Numerical Analysis of Surface Crack Growth**

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**The Comparison of Numerical and Experimental Results for the Simple Water Hammer Problem**

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**On the Fictitious Yield Surface in the Plastic Shakedown Theory**