

The Plastic Deformation Capacity of Structural Steel Members under Seismic Action

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Abstract text:

The paper describes a calculus procedure to determine the elastic--plastic rotation capacity of steel structural members. The rotation capacity calculus is very important for the design of steel structures exposed to seismic action. The calculus procedure is based on the equivalent elastic--plastic bending moment. This calculus procedure was applied on two types of structural members (beams, columns).

Key Words:

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