Mechanics of Structures and Materials

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By: M. A. Bradford (Editor), etc. (Editor), R.Q. Bridge (Editor), S.J. Foster (Editor)

Aspects of code development for the assessment of existing structures

The proposed concrete model code for Asia and the Australian concrete structures standard - A comparison

Suggested revisions to Australian Standard (AS3600) requirements on design for longitudinal shear in concrete beams

AS/NZS4600-1996 - Does it cover design cold-formed roof panels?

Limit states purlin design to AS/NZS 4600:1996

ColdSteel/4600 - Software for the design of cold-formed steel structures

A simplified approach for calculating fire resistance of steel frames under fire conditions

Fire testing of high strength concrete filled steel columns

Buckling of unilaterally constrained mild steel plates at elevated temperatures

Can the influence of mechanical impedance improve structural crashworthiness?