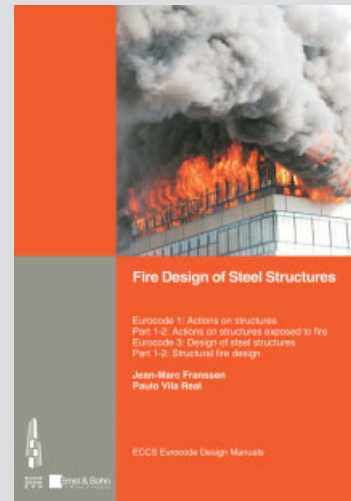


Book reviews



Franssen, J.-M., Real, P. V.: **Fire Design of Steel Structures.** Eurocode 1: Actions on structures; Part 1-2 – General actions – Actions on structures exposed to fire. Eurocode 3: Design of steel structures; Part 1-2 – General rules – Structural fire design. Brussels/Berlin: ECCS and Ernst & Sohn. 452 pp., 17 × 24 cm, 134 figs., 21 tables, softcover. ISBN 978-3-433-02974-9. € 70.00

This is a new manual and work of reference for the Eurocodes covering the design and construction of steel structures for fire events. It describes models for representing thermal loads, methods for measuring temperatures in steel structures and methods for assessing the fire resistance of bolted and welded connections. One chapter is devoted to the computer program “Elefire-EN”, which designers can use to calculate the performance of steel components quickly and accurately for fire situations. The book includes numerous practical examples and detailed treatments which help users quickly grasp the advantages of the Eurocode provisions. This new publication showing how to protect steel structures against fire therefore represents a valuable practical and useful aid for designers and engineers, enabling them to exploit the benefits of the new design approach in every respect.

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