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Publications

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Destiné au grand public comme aux praticiens, cet ouvrage présente une sélection de ponts français remarquables à divers titres. Retenus pour leur intérêt historique, architectural, technique ou économique, ces ponts sont de toutes les époques et de toutes les régions de France. L'ouvrage traite de l'architecture des ponts en maçonnerie, en acier, en béton armé et précontraint, des ponts suspendus et à haubans.

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Collection "Tradition technique"

Presses de l'Ecole Nationale des

Ponts et Chaussées

28, rue des Saints-Pères

F-75007 Paris

ECCS — European Recommendations for Steel Construction "Buckling of Shells"

These Recommendations are one of the most up-to-date documents in the field and deal with the buckling analysis of unstiffened circular cylinders subject to meridional compression or to uniform external pressure; ring stiffened cylinders subject to external pressure, cylinders under combined axial load and external pressure, unstiffened spherical shells under uniform pressure.

These ECCS Recommendations have been prepared by an international group with members from Europe, Japan and the United States.

The publication (297 x 210 mm, 54 pp) can be obtained from the ECCS General Secretariat at the price of 35 Dfl.

European Recommendations for the Fire Safety of Steel Structures

During the last decade there has been important progress in the development of analytical methods for the calculation of the behaviour of fire-exposed steelwork. In several countries these methods are now being used when appropriate, as an alternative to the conventional classification directly based on the results of standard fire resistance tests.

This book contains the European Recommendations — composed within the European Convention for Constructional Steelwork by Technical Committee 3 — for the calculation of the fire resistance of load bearing steel elements and structural assemblies exposed to the standard fire, providing an alternative to the standard fire resistance test. This corresponds to the majority of national building regulations or codes, in which the requirements are expressed as required time of fire duration, i.e. the fire resistance time, directly related to the standard fire.

The Recommendations provide a reference document for national codes of practice with the final objective of achieving a single European code.

Published in 1982, 106 pages

Price: Dfl. 165.00

ISBN 0-444-42120-3

European Convention for Constructional Steelwork
ECCS

General Secretariat

Av. Louise 326-B.52

B-1050 Brussels

Belgium

**CEB Manual on
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by M. G. Lay

The theme of the book is to provide an understanding of steel behaviour which will be adequate for both the capabilities and the needs of most engineers designing in steel. The book is both simple in its treatment of topics outside of steel design (and may well be viewed somewhat scornfully by metallurgists) and yet complex in the range of outside knowledge which it draws upon. It attempts to bridge the gap between ferrous metallurgy and engineering design in steel. The author makes no apologies to either regions of endeavour for the simplifications he has made. Indeed, the book is written for both engineers and metallurgists.

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