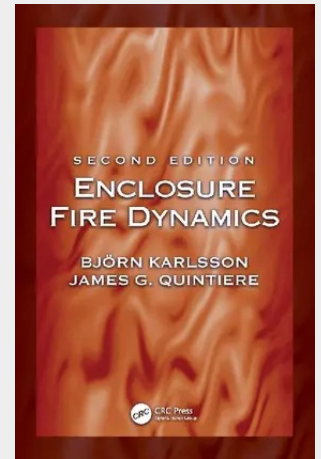


## Enclosure Fire Dynamics, Second Edition

---

Enclosure Fire Dynamics, Second Edition explores the science of enclosure fires and how they cause changes in the environment of a building on fire. The authors discuss mechanisms controlling enclosure fires and how to develop analytical relationships useful in designing buildings for fire safety. Derivation of equations from first principles is shown, stating assumptions and showing comparisons to experimental data, giving calculated examples for clarity. The text provides readers with the skills needed to solve a range of engineering equations and problems. Features include: - Describes the outbreak of compartment fires and the mechanisms controlling them - Derives simple analytical relationships from first principles and shows how to compare the derived equations with experimental data, giving calculated examples for clarity - Provides the calculational procedures and describes computer models needed to design a building for safety - Cites the most up-to-date standards and references throughout - Includes numerous chapter problems to test student readers' understanding of fire behavior Enclosure Fire Dynamics, Second Edition will enhance the knowledge of fire protection engineers, researchers, and investigators and help build a strong foundation for engineering students.



**214,50 €**

214,50 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

---

**Artikelnummer:** 9781138058668

**Medium:** Buch

**ISBN:** 978-1-138-05866-8

**Verlag:** CRC Press

**Erscheinungstermin:** 27.06.2022

**Sprache(n):** Englisch

**Auflage:** 2. Auflage 2022

**Produktform:** Gebunden

**Gewicht:** 1280 g

**Seiten:** 384

**Format (B x H):** 183 x 260 mm

