

Book Review

Enclosure Fire Dynamics, by Björn Karlsson and James G. Quintiere; CRC Press, Boca Ration, London, New York, Washington, D.C., 1999; 315 pages; ISBN 0-8493-1300-7.

This book includes good information on the subject discipline of compartment fire, and is well-written by renowned research workers in fire science. Relevant fundamental knowledge expected are presented, starting from heat release rate, fire plumes, vent flows, heat transfer, smoke filling and then fire modelling. Well-established fire zone models are discussed, followed by a brief introduction on elementary concept in Computational Fluid Dynamics.

No doubt this is a textbook not only worthwhile for those studying fire engineering, but also useful for those who are interested in Engineering Performance-Based Fire Codes.

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