



Basic Steel Design With LRFD

By Theodore V. Galambos

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This comprehensive introduction to basic steel design — tension members, beams, columns under axial load, members under combined forces, connections, plate girders, continuous beams and frames, and composite construction — reflects the most recent design specifications and load codes, and features an abundance of examples, flow- diagrams, and problems. explains the LRFD philosophy and introduces the new design methodology; coverage of load and resistance factor design is included in chapters on the basic steel structure, beams, and plate girders; adds a discussion on ponding and vibration as special topics in beam design; and includes a chapter on computer-aided technology.

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Editorial Review

From the Publisher

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From the Back Cover

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Theodore V. Galambos, PE, PhD, is Professor Emeritus at the University of Minnesota and a member of the Executive Committee for the Structural Stability Research Council. He is also the editor of Guide to Stability Design Criteria for Metal Structures, Fifth Edition (Wiley). Among his many accolades are the AISC T.R. Higgins Lectureship Award, ASCE Ernest E. Howard Award, ASCE OPAL Award, and SSRC Lynn S. Beedle Award.

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