Introduction to Structures. Woodhead Publishing Series in Civil and Structural Engineering

Description: This book focuses on the changes made in building science and practice by the advent of computers. It explains many more tools now available in the contemporary engineering environment. The book discusses the more commonly used topics of structural failure, cable-nets and fabric structures, and topics of non-linear analysis. Problems with solutions are provided.

- Focuses on the changes made in building science and practice by the advent of computers
- Discusses structural failure, cable-nets and fabric structures, and topics of non-linear analysis
- Chapters discuss statically determinate and indeterminate structures, deflections of structures and provides solutions to problems

Contents:

- Introduction and review
- Statically determinate structures
- Deflections of structures
- Statically indeterminate structures
- Plastic analysis
- Uses of cables
- Moment distribution
- Influence lines and their application
- References
- Appendices 1 The rotation matrix
- Appendices 2 Geometric instability
- Appendices 3 Discontinuous functions
- Appendices 4 The Frenet formulas
- Appendices 5 Kinematics of curved beams
- Appendices 6 The degree of statical indeterminacy
- Appendices 7 Some beam solutions
- Appendices 8 A transcendental equation
- Appendices 9 Effect of pre-stress
- Index

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