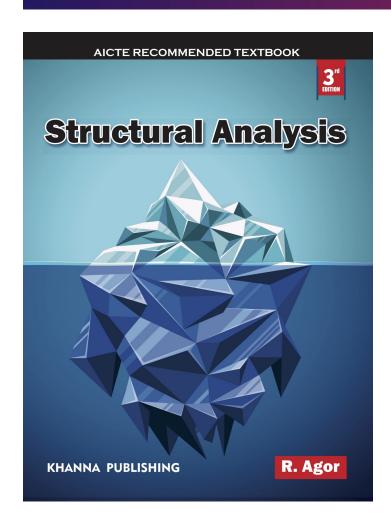
## K H A N N A B O O K S . C O M



# **Structural Analysis**

Author: R. Agor

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### **Product Description**

This Book Provided the requisite details of the subject structural analysis in a simple and lucid language to cater the needs of the undergraduate students of bachelor of Civil Engineering in Engineering Colleges of Indian universities abroad. The book is thoroughly revised and updated covering all necessary topic with a vast numerical example with neat diagrams. This edition shall be of immense help to students of engineering colleges who prepare of the U.P.S.C. Engineering Services Examination and Civil Services Examination (IAS) and sloe for gate Examination.



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Topics Covered in This Book \* Stress & Strains \* Centroid & Moment of Inertia \* Mass Moment of inertia of Solid Bodies \* Shearing Force and Bending Moment \* Bending Stresses in Beams \* Slope and Deflection of Beam \* Analysis of Determinate Trusses \* Deflection of Plane Frames \* Suspending Cables \* Three- Hinged Arches \* Shear Stress In Beam \* Masonry Dams And Retaining Walls \* Columns \* Torsion \* Rivetted & Bolted Joints

- Shear Stress in Bearing Masoning Danies And Recalling Walls
- \* Welded Joints \* Principal Stresses (Mohr's Circle) \* Fixed End Beams

#### **Author**

**R. Agor** Lecturer in Civil Engineering (Retd.) Technical Education, Delhi.

