

Strength of Materials

Author :	D.S. Bedi
ISBN 13 :	978-93-82609-11-7
ISBN 10 :	93-82609-11-3
E-ISBN 13 :	978-93-82609-11-7
Edition :	6
Pages :	752
Type of book :	Paperback
Weight (g) :	900.00
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P:	Rs 450.00
Categories :	<u>Civil Engineering</u> , <u>Civil</u> Engineering
Condition Type :	New
Country Origin :	India

SINCE 1962

Khanna Publishing House

Product Description

The sixth edition of the book has thoroughly been modified and enlarged to meet the revised syllabi of many universities and other professional examination like AMIE and above all to incorporate the suggestions received from the students and faculty a like. Additional problems on two-dimensional complex stress systems have been fully solved by both analytical and Mohr's circlem method so that the readers are made aware of the face that the sign shear stress on a particular plane has its one important role to play so as arrive at the correct result which otherwise is normally overlooked or even sometimes neglected. The term " bending Moment" and "twisting Moment" have been introduced as vector quantities in order to bring out the difference between them so that the reader can easily decipher each of them and proceed ahead to accomplish the associated objectives. The chapter on Thick Cylinders had been re-written to keep uniformity in sign convention of the stresses throughout the entire text. Further in this chapter the process of auto frettage of a thick cylinder has been introduced along with the "Simplified" theory of this process. The author has endeavored to familiarize the readers with the "Yield point phenomenon of low carbon steel". "quantitative definitions of ductility and malleability" and "Negative Possions Ratio" Which were hitherto not dealt with in most of the text on the subject. On the specific demand of the students almost all the chapter have been supplemented with objective type questions along with more number of worked examples.

Table of Contents

Chapter 1: Simple Stress and Strain. Chapter 2: Complex Stresses and Strains. Chapter 3: Shearing Force and Bending Moments in Beams. Chapter 4: Bending Stresses. Chapter 5: Shear Stresses in Beams. Chapter 6: Deflection and Beams. Chapter 7: Torsion of Circular Shafts. Chapter 8: Struts and Columns. Chapter 9: Thin Shells. Chapter 10: Thick Cylinders. Chapter 11: Springs. Chapter 12: Strain Energy and Deflection due to Shear and Bending. Chapter 13: Theories of Failure. Chapter 14: Bending of Curved Bars. Chapter 15: Stresses Due to Rotation. Chapter 16: Unsymmetrical Bending. Chapter 17: Plastic Theory of Bending. Chapter 18: Three Dimensional Stress System. Chapter 19: Torsion of Non-Circular Shafts. Chapter 20: Miscellaneous Problems.
Chapter 21: Plastic Theory of Bending : Index. Appendix

Khanna Publishing House

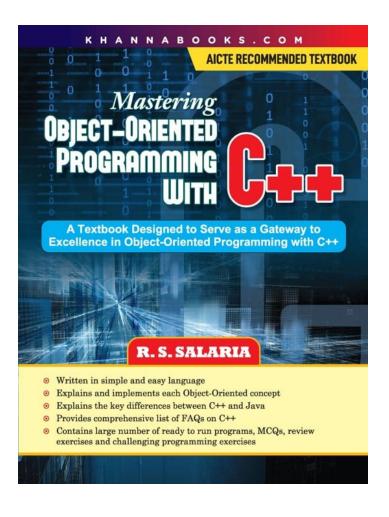


Author

D.S. BEDI Dr. D.S. Bedi is one of the distinguished writers in India. He possesses a very excellent academic background. He had held various high positions viz. formerly Professor Emeritus at Department of Mechanical Engineering, Institute of Engineering and Technology (Punjab); Professor & Head, Dept. of Mechanical Engineering, Thapar Institute of Engineering & Technology (Punjab); Visiting Professor at Wayne State University, Detroit, MI (USA); Principal, Baba Banda Singh Bahadur Engineering College, (Punjab); Advisor-cum-Consultant at G.G.S. College of Modern Technology (Punjab); Director, Punjab College of Engineering; Technology, Punjab.



Khanna Publishing House



Mastering Object-Oriented Programming With C++

Author :	R.S. Salaria
ISBN 13 :	978-93-82609-39-1
ISBN 10 :	93-82609-39-3
E-ISBN 13 :	978-93-82609-39-1
Edition :	6
Pages :	488
Type of book :	Paperback
Weight (g) :	760.00
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P:	Rs 450.00
Categories :	Computer Science Engineering, Computer Science Engineering
Condition Type :	New
Country Origin :	India

Product Description

The C++ Programming Language is one of the popular programming language that support object-oriented programming in addition to procedural programming. All major IT companies are using C++ language as their preferred language in implementing substantial number of projects using object-oriented technology. To fulfill the requirement of these companies, all universities/institutions offering various courses on programming with C++ in their curriculum. This book is designed as a textbook for the students taking these courses. Throughout the book the level of presentation is kept simple and illustrative so that even and average reader can grasp the subject matter with quite ease practically this book will provide you everything you need on object-oriented programming with C++.

Khanna Publishing House

Table of Contents

Chapter 2: Migrating form C to C++.
Chapter 3: Standard Input/Output.
Chapter 4: Classes and Objects.
Chapter 5: Pointers and Dynamic Memory Management.
Chapter 6: Constructors and Destructors.
Chapter 7: Overloading and Type Conversion.
Chapter 8: Inheritance.
Chapter 9: Virtual Functions and Polymorphism.
Chapter 10: Exception Handling.
Chapter 11: Templates and Generic Programming.
Chapter 12: File Handling.
Chapter 13: Introduction to Standard Template Library (STL).
Appendix
Glossary
Index

Chapter 1: Introduction to Object-Oriented Programming.

Author

R.S. Salaria Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living.



Khanna Publishing House