



A Textbook of Machine Design

By J.K. Gupta, R.S. Khurmi

S. Chand & Company Ltd, 2015. Softcover. Book Condition: New. 5th or later edition. 17 x 24 cm. I. INTRODUCTION : 1. Definition 2. Classifications of Machine Design 3. General Considerations in Machine Design 4. General Procedure in Machine Design 5. Fundamental Units 6. Derived Units 7. System of Units 8. S.I Units (International System of Units) 9. Metre 10. Kilogram 11. Second 12. Presentation of Units and their Values 13. Rules for S.I. Units 14. Mass and Weight 15. Inertia 16. Laws of Motion 17. Force 18. Absolute and Gravitational Units of Force 19. Moment of a Force 20. Couple 21. Mass Density 22. Mass Moment of Inertia 23. Angular Momentum 24. Torque 25. Work 26. Power 27. Energy II. Engineering MATERIALS AND THEIR PROPERTIES : 1. Introduction 2. Classification of Engineering Materials 3. Selection of Materials for Engineering Purposes 4. Physical Properties of Metals 5. Mechanical Properties of Metals 6. Ferrous Metals 7. Cast Iron 8. Types of Cast Iron 9. Alloy Cast Iron 10. Effect of Impurities on Cast Iron 11. Wrought Iron 12. Steel 13. Steels Designated on the Basis of Mechanical Properties 14. Steels Designated on the Basis of Chemical Composition 15. Effect of Impurities...



READ ONLINE
[7.76 MB]

Reviews

This pdf can be worthy of a read through, and superior to other. It generally does not expense excessive. Its been printed in an exceptionally simple way and it is just soon after i finished reading this ebook in which in fact modified me, change the way i really believe.

-- **Mr. August Hermiston PhD**

Completely among the finest ebook We have ever go through. I really could comprehended every little thing using this created e pdf. I am pleased to let you know that this is actually the greatest ebook i actually have read through inside my own daily life and might be he very best ebook for ever.

-- **Gordon Kertzmann**