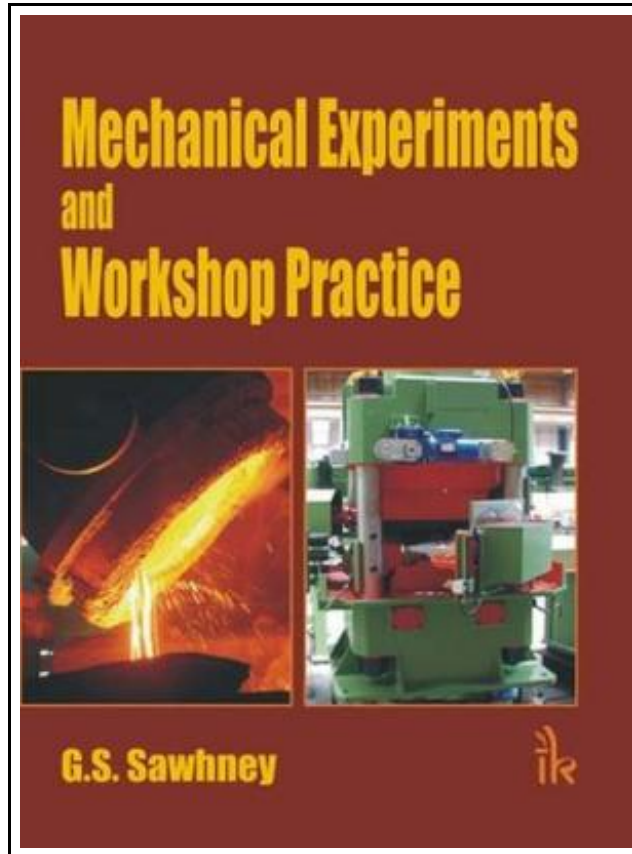


Mechanical Experiments and Workshop Practice



Filesize: 9.61 MB

Reviews

*Excellent electronic book and helpful one. I could comprehend everything out of this published e book. I discovered this pdf from my i and dad suggested this book to discover.
(Dr. Daphnee Homenick II)*

MECHANICAL EXPERIMENTS AND WORKSHOP PRACTICE

DOWNLOAD



I.K. International Publishing House Pvt. Ltd, 2009. Softcover. Book Condition: New. 18 x 24 cm. The book is meant for first year BE/B.Tech. students and addresses the course curriculum in Mechanical Experiments and Workshop Practice. The book explains theory and methodology of performing experiments about: ? Mechanics ? Strength of Materials ? Materials Science The book also includes: ? IC Engines ? Steam Engines ? Boilers ? Steam Turbines ? Water Turbines and Pumps Manufacturing processes and workshop experiments are included in workshop practice which cover: ? Machining ? Welding ? Metal forming ? Casting ? Carpentry and Plumbing Key Features: ? It provides a large number of diagrams for easy understanding of tools and equipment. ? A large number of viva and objective type questions are also given. The concepts and principles of working of various common mechanical machinery such as bi-cycle, motorcycle, lift, escalator, hovercraft, aircraft, helicopter, jet engine and rocket have been explained. Similarly the constructional details and principles of working of commonly used household appliances such as desert cooler, air conditioner, refrigerator, washing machine, ceiling fan, tubelight and iron box have been included. Contents: 1. Tensile Test 2. Compression Test 3. Bending Strength Test 4. Ultimate Shear Strength 5. Brinell Hardness Test 6. Rockwell Hardness Test 7. Impact Test 8. Belt and Pulley Experiment 9. Determination of Moment of Inertia of Flywheel 10. Experiment on Trusses 11. Inclined Plane 12. Fatigue Testing 13. Torsion of Rod 14. Deflection of Beam 15. Worm and Worm Wheel for Load Lifting 16. Screw Jack 17. Verification of the Law of Triangle of Forces 18. Verification of the Law of Parallelogram of Forces 19. Spring Testing 20. Creep Test 21. Column Buckling Test 22. Gear Train 23. Four-Bar Chain 24. Single Slider Crank Chain 25. Four-Stroke IC Engine 26. Two-Stroke...



[Read Mechanical Experiments and Workshop Practice Online](#)



[Download PDF Mechanical Experiments and Workshop Practice](#)

Related Books



Scherzo Capriccioso, Op.66 / B.131: Study Score (Paperback)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.The Scherzo capriccioso was composed in the same period (1883-84) as...

[Read PDF »](#)



The Noon Witch, Op. 108 / B. 196: Study Score (Paperback)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 240 x 168 mm. Language: English . Brand New Book ***** Print on Demand *****.The third of the four late tone poems inspired by Bouquet,...

[Read PDF »](#)



Cello Concerto, Op. 104 / B. 191: Study Score (Paperback)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Dvorak had long refused the repeated requests for a cello concerto...

[Read PDF »](#)



Symphonic Variations, Op. 78 / B. 70: Study Score (Paperback)

Serenissima Music, United States, 2013. Paperback. Book Condition: New. 242 x 168 mm. Language: English . Brand New Book ***** Print on Demand *****.Dvorak received a commission for this work in 1877 for a benefit...

[Read PDF »](#)



Slavonic Rhapsodies, Op.45 / B.86: Study Score (Paperback)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English Brand New Book ***** Print on Demand *****.The first of the three Slovanske rapsodie was composed from February 13...

[Read PDF »](#)