



Applied Science

By H.J. Sawant

Technical Publications 0. Softcover. Book Condition: New. First edition. Dimensions and Measurements Physical quantity, Fundamental & derived Physical quantities, Unit of physical quantity, systems of units, fundamental & derived units, S.I units, Basic quantities , their S.I units, & symbols, supplementary quantities, their S.I units & symbols, Prefixes for multiples & sub multiples with their symbols, Advantages of S.I units. Dimensions of a physical quantity examples:- Steps to write dimensions, Dimensional formula Dimensional equation, Applications of dimensional equation, Limitations (Disadvantages) of dimensional equations (analysis). Measurement:- Principle of vernier, Neat diagram of slide calipers & its parts, Zero error & its correction, Least count, Reading MSR & VSR (CVD), use of vernier calipers for measurements, problems on vernier calipers. Principle of screw & nut (Micrometer principle), Neat diagram of screw gauge & its parts, Zero error, zero correction, Pitch, least count, reading PSR & HSR, use of screw gauge for measurements, problems on screw gauge. Basics of Dynamics Recapitulation of equations of motion, Newton's 1st law of motion, Force, basic forces in motion, gravitational force, electrostatic force, electromagnetic force, nuclear force, Difference between strong interaction & weak interaction, Inertia, types of inertia (inertia of rest, inertia...



READ ONLINE
[6.99 MB]

Reviews

This ebook is definitely not simple to begin on reading but really enjoyable to read through. This really is for all who state that there had not been a worth reading. You may like how the author publish this ebook.

-- **Demetrius Buckridge**

This book may be really worth a read through, and a lot better than other. It is really basic but excitement inside the 50 % in the pdf. I realized this pdf from my dad and i encouraged this publication to learn.

-- **Curtis Bartell**