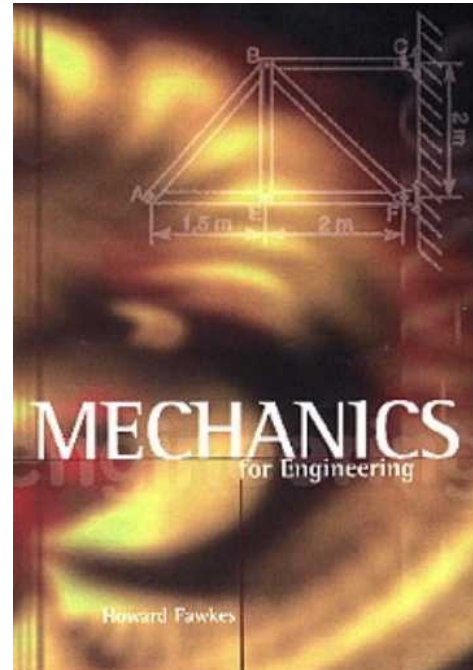


Mechanics for Engineering Students

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About this Publication:

This book introduces all the basic concepts of mechanics – from measurement accuracy, through the concepts of moments and equilibrium, gravity and friction, to the application of momentum and impulse.

Contents Include:

- Unit 1: Measurement, numbers and units
- Unit 2: Forces
- Unit 3: Moments
- Unit 4: Centres of gravity and centroids
- Unit 5: Friction
- Unit 6: Internal forces
- Unit 7: Rectilinear motion
- Unit 8: Angular motion
- Unit 9: Centripetal force
- Unit 10: Work, energy and power
- Unit 11: Momentum and impulse
- Unit 12: Lifting machines

Of Interest and Benefit to:

- First year engineering students or related disciplines
- Anyone looking to gain a firm grounding in one of the key disciplines of engineering