Contents

13
KINETICS OF PARTICLES:
ENERGY AND MOMENTUM METHODS
755

14
SYSTEMS OF PARTICLES
855

15
KINEMATICS OF RIGID BODIES
915

16
PLANE MOTION OF RIGID BODIES: FORCES AND ACCELERATIONS
1025

17
PLANE MOTION OF RIGID BODIES:
ENERGY AND MOMENTUM METHODS
1081

18
KINETICS OF RIGID BODIES IN THREE DIMENSIONS
1145

19
MECHANICAL VIBRATIONS
1213

Appendix
FUNDAMENTALS OF ENGINEERING EXAMINATION
app-1