
V

FLUID-PARTICLE APPLICATIONS

Part V is concerned with fluid-particle dynamics and the applications that are associated with this subject. In addition to fluid-particle dynamics, the topics reviewed include primary fluid transport devices, sedimentation, centrifugation, flotation, porous media and packed beds, fluidization, and filtration. Although a detailed analysis of these topics is beyond the scope of this text, each subject area receives sufficient treatment that will allow the reader to tackle real-world applications that appear in several of the *Illustrative Examples*.