MEEG-507: Advanced Fluid Mechanics

Studies the physical properties of fluids, kinematics and conservation equations of fluid motion in rigid coordinate systems, tensor analysis, boundary conditions, vorticity, Navier - Stokes equations, some of their analytic solutions and selected topics on creeping flows, laminar boundary layers, instability of viscous flows and turbulence.

Credits: 3

Program: Mechanical Engineering

1 2023-2024