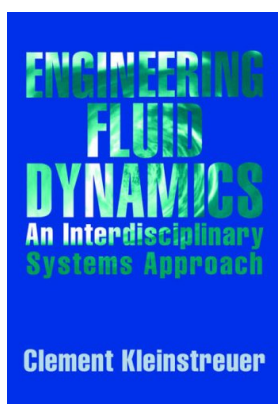


# [PDF] Engineering Fluid Dynamics: An Interdisciplinary Systems Approach

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This text provides a thorough treatment of the fundamental principles of fluid mechanics and convection heat transfer and shows how to apply the principles to a wide variety of fluid flow problems. The focus is on incompressible viscous flows with special applications to non-Newtonian fluid flows, turbulent flows, and free-forced convection flows. A special feature of the text is its coverage of generalized mass, momentum, and heat transfer equations, Cartesian tensor

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