

Lectures on Visco-Plastic Fluid Mechanics

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=9999920520598&lokasi=lokal>

Abstrak

The book is designed for advanced graduate students as well as postdoctoral researchers across several disciplines (e.g., mathematics, physics and engineering), as it provides them with tools and techniques that are essential in performing research on the flow problems of visco-plastic fluids. The following topics are treated; analysis of classical visco-plastic fluid models, mathematical modeling of flows of visco-plastic fluids, computing flows of visco-plastic fluids, rheology of visco-plastic fluids and visco-plastic suspensions, application of visco-plastic fluids in engineering sciences, and complex flows of visco-plastic fluids.