


[DOWNLOAD](#)


Flow of Real Fluids

By Meier, Gerd E. A. / Obermeier, Frank

Book Condition: New. Publisher/Verlag: Springer, Berlin | Ernst-August Müller: Biographische notizen.- Veröffentlichungen von Ernst-August Müller.- The reverse-flow theorem for transonic flow.- Oscillations of a subsonic flow in an abruptly expanding circular duct.- On aerodynamic sound generation by airfoil-vortex interaction.- Sound radiation from planes and cylinders into fluids without and with flow.- Modelling of acoustic radiation problems associated with turbomachinery and rotating blades.- Wave momentum and power balance in a boundary layer.- The effect of viscosity on the mach stem length in unsteady strong shock reflection.- The inhomogeneous wave equation of thermoacoustics.- Real gas dynamics of fluids with high specific heat.- Adiabatic phase transitions and wavesplitting in fluids of high specific heat.- On sudden rock and gas mass outbursts.- Investigation of large-scale vortex rings in he ii by acoustic measurements of circulation.- Simple twodimensional flows generated by weak heat sources in liquid helium II.- Charakterisierung von Heliumclustern in einem Molekularstrahl.- Clusterformation in supersonic nozzle beams.- Reduction to finite dimensions of continuous systems having only a few amplified modes.- Akustische Turbulenz.- Deterministic chaos in rotational Taylor-Couette flow.- On slender vortices.- The turbulent Couette flow from asymptotic theory viewpoint.- The response of a turbulent flat plate boundary layer to sound waves moving in...



READ ONLINE
[8.52 MB]

Reviews

Undoubtedly, this is actually the finest work by any writer. It is really basic but excitement within the fifty percent of your publication. Your way of life period is going to be enhance as soon as you comprehensive looking over this ebook.

-- **Matt Maggio**

The ebook is fantastic and great. I am quite late in start reading this one, but better then never. I am just pleased to inform you that this is the greatest book i have got study inside my personal daily life and could be he best pdf for at any time.

-- **Miss Shany Tillman**