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Titolo	Flow of Real Fluids [[electronic resource] /] / edited by Gerd E.A. Meier, Frank Obermeier
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Nota di contenuto	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 the upstream direction --  
Untersuchung von Turbulenten Scherströmungen durch aufprägung  
Äusserer Störungen -- The vortical structure of bounded turbulent  
shear flow -- On certain aspects of vorticity dynamics and turbulent  
energy production -- Refinement of pattern recognition of coherent  
structures in turbulent shear flows and a comparison between detection  
techniques -- Measurement of wall shear stress in favorable pressure  
gradients -- Zur Kinematik von Strömungen -- Cylindrical COUETTE-  
flow for non-newtonian fluids -- Kinematic wave description of  
sedimentation and centrifugation processes -- Entmischen Durch  
Rühren?.

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