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# Fluids Under Pressure

- Includes chapters based on talks given at the August 2016 summer school "Fluids Under Pressure," held in Prague
- Explores the complex role that pressure plays in physics, mathematical modeling, and fluid flow analysis
- Addresses theoretical problems concerning the well-posedness of the Navier-Stokes equations

This contributed volume is based on talks given at the August 2016 summer school "Fluids Under Pressure," held in Prague as part of the "Prague-Sum" series. Written by experts in their respective fields, chapters explore the complex role that pressure plays in physics, mathematical modeling, and fluid flow analysis. Specific topics covered include: Oceanic and atmospheric dynamics Incompressible flows Viscous compressible flows Well-posedness of the Navier-Stokes equations Weak solutions to the Navier-Stokes equations Fluids Under Pressure will be a valuable resource for graduate students and researchers studying fluid flow dynamics.

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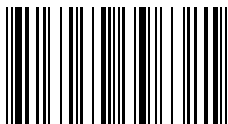
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