

- Basic Rheological Notions and Modeling Concepts
- Industrial Applications
- Fundamental Mathematical and Numerical Ideas
- Eccentric Annular Flow
- Concentric Rotating Flow
- Recirculating Vortex Flows
- Applications to Drilling and Production
- Annular Modeling For Bundled Pipelines
- Pipe Flow Modeling in General Ducts
- Flow in Clogged Pipelines
- Pipe Bends
- Advanced Modeling Methods