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## O

**Oblique waves** – Interactions between pairs of oblique waves on a mixing layer, 431

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- Rarefied gas** – Application of the Cercignani–Lampis scattering kernel to calculations of rarefied gas flows. III. Poiseuille flow and thermal creep through a long tube, 145
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**Rivulets** – 3D numerical simulation of regular structure formation in a locally heated falling film, 445

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**Vortex dynamics** – The effect of fine structure on the stability of planar vortices, 179

**Vorticity** – Two-dimensional perturbations in a suddenly blocked channel flow, 317

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**Waveguide** – Instability and collapse of waveguides on the water surface under the ice cover, 291

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