

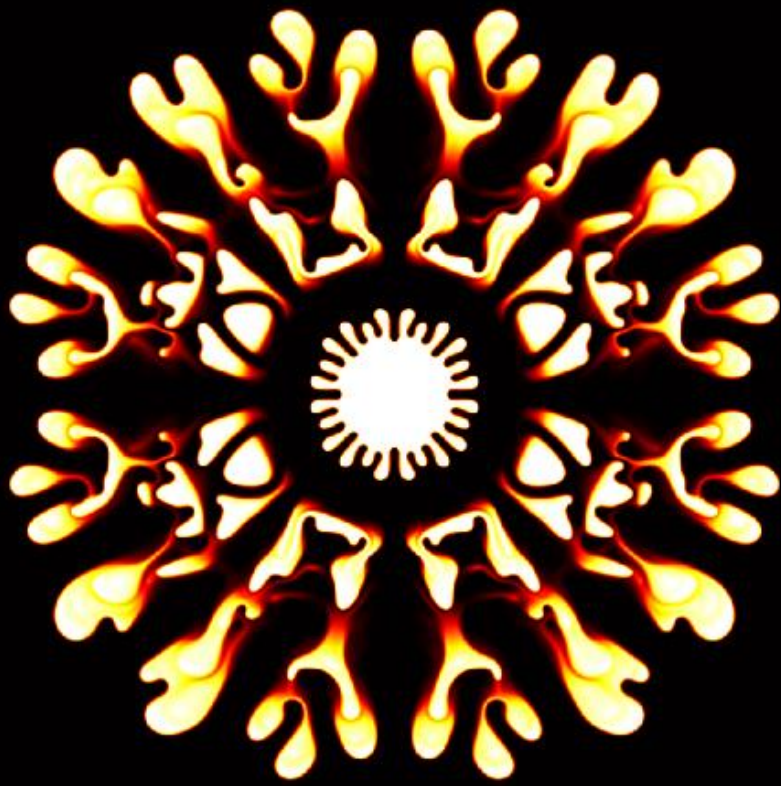
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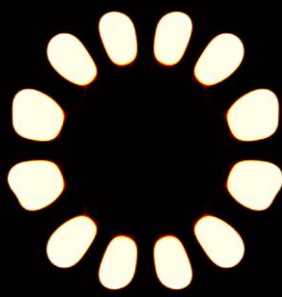
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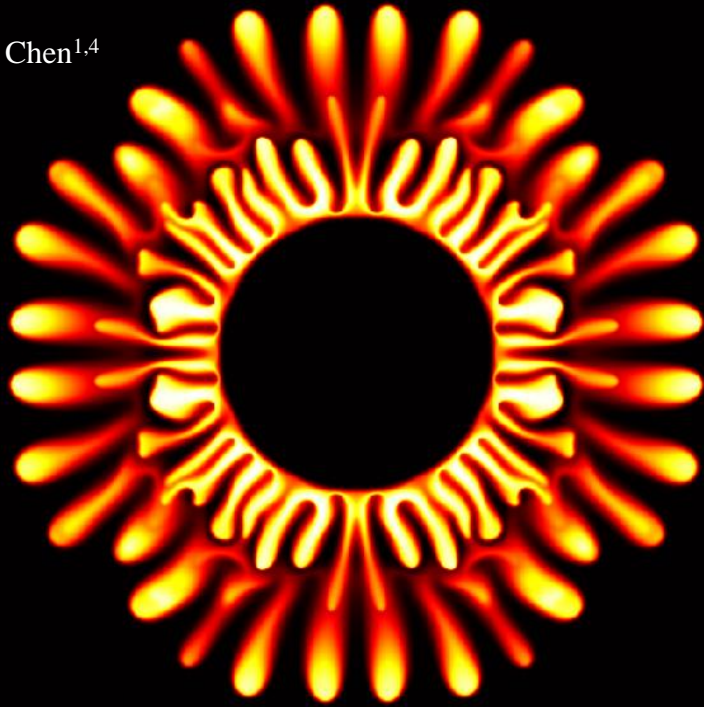
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Immiscible fluids via 4-cycle alternating injection

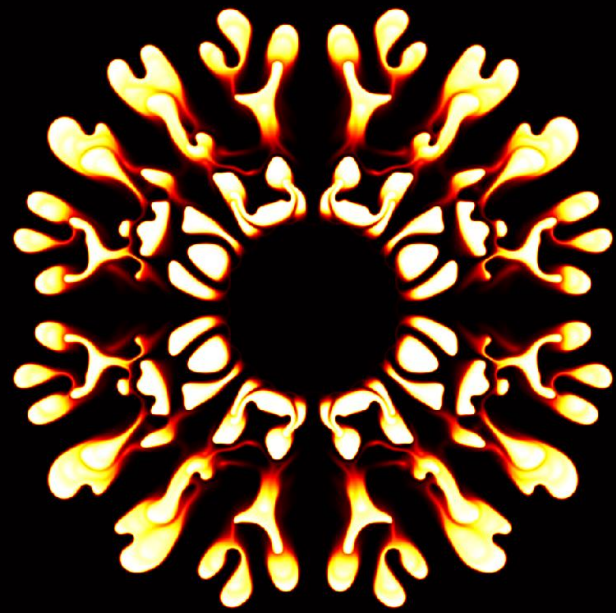


Miscible fluids via 2-cycle alternating injection



Fingering layers triggered by alternative injection of two fluids with different viscosity.

Simulations by diffuse-interface method to Cahn–Hilliard–Hele–Shaw model



Fireworks of Viscous Fingering