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Inclination dependence of planar film boiling stability

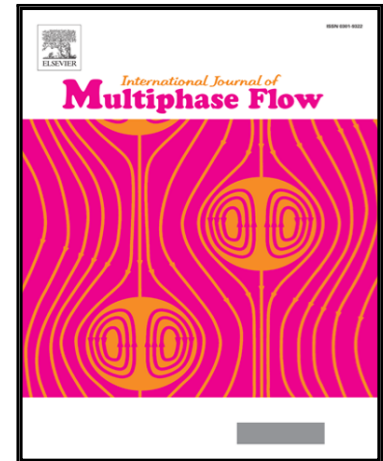
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Highlights

- Kelvin-Helmholtz type instabilities are prominent in non-horizontal film boiling
- The classical lubrication model is unable to predict such instabilities
- A hybrid potential-flow/lubrication model predicts angular dependence of stability
- Wavelengths are a combination of the Kelvin-Helmholtz and Rayleigh-Taylor kinds

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