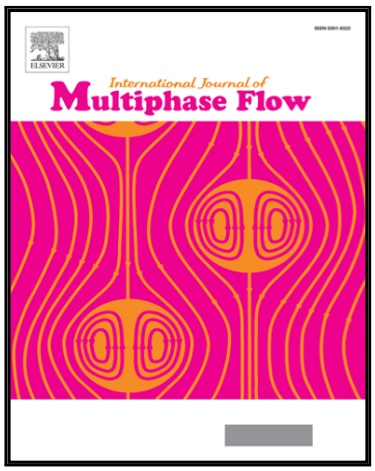

A new measuring concept to determine the lift force for distorted bubbles in low Morton number system: Results for air/water

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Highlights

- Measuring the lift coefficient in systems with low Morton numbers
- New measuring concept without moving parts and small fluid volumes
- Quantification of the lift coefficient with a method based on averaged values
- Applicable to turbulent conditions and wobbling bubbles