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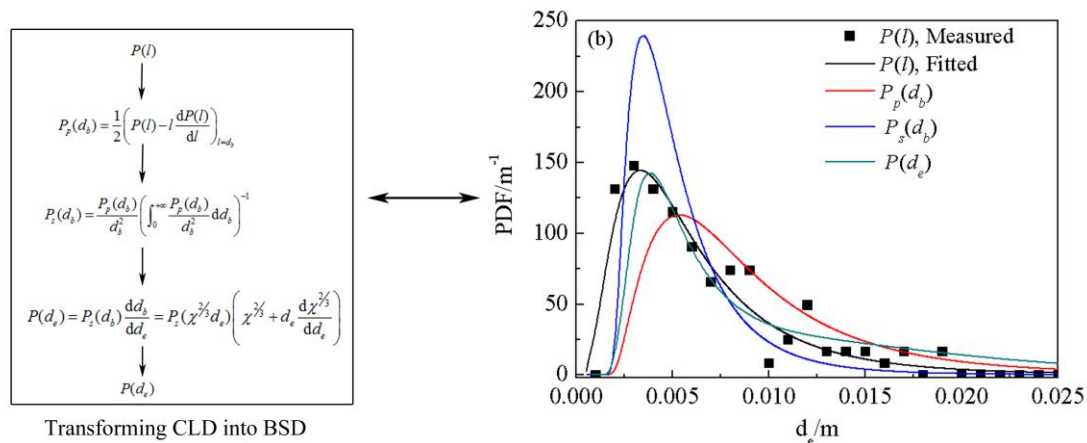
Bubble Properties Measurement in Bubble Columns : from Homogeneous to Heterogeneous Regime

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Graphical abstract



Highlights

- A new method is proposed to transform CLD into BSD.
- Bubble velocity and bubble size distribution measured by probe are validated.
- Flow development is much more rapid in heterogeneous regime.
- Breakage is dominant over coalescence under the experimental condition.

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