

# Bubbles, bubbles, bubbles!

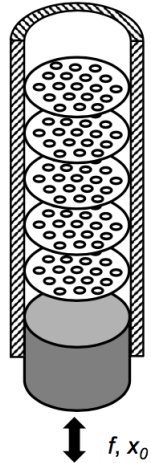
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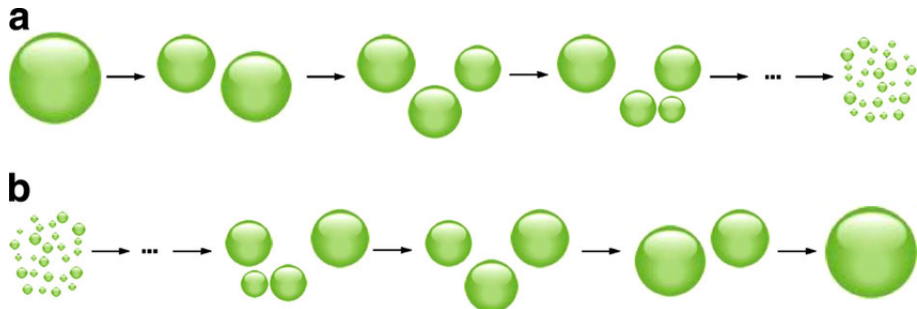
June 7, 2017

# The problem

- Interested in modelling the steady state bubble size distribution.
- Aim to model this using fragmentation and coalescent processes.



# Fragmentation and coalescence



# Key questions

Key questions of Fragmentation and Coalescence theory concern:

- The distribution of the number of clusters.
- The distribution of the sizes of these clusters.
- How they both change through time