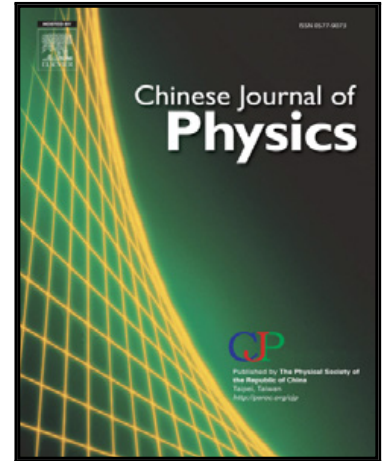


Accepted Manuscript

Density ratio effect on particle sedimentation in a vertical channel

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PII: S0577-9073(17)30807-9
DOI: [10.1016/j.cjph.2018.06.007](https://doi.org/10.1016/j.cjph.2018.06.007)
Reference: CJPH 553



To appear in: *Chinese Journal of Physics*

Received date: 30 June 2017
Revised date: 6 June 2018
Accepted date: 7 June 2018

Please cite this article as: Yong Rao , Chaofeng Liu , Huatao Wang , Yushan Ni , Chao Lv , Shuang Liu , Yamei Lan , Shiming Wang , Density ratio effect on particle sedimentation in a vertical channel, *Chinese Journal of Physics* (2018), doi: [10.1016/j.cjph.2018.06.007](https://doi.org/10.1016/j.cjph.2018.06.007)

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Highlights

- A particle settling in a vertical channel is studied at different density ratios.
- The effect of density ratio on the particle settling modes is discussed.
- The distinct flow regimes are presented at different density ratios.
- The relation between particle settling modes and flow regimes is analyzed.

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