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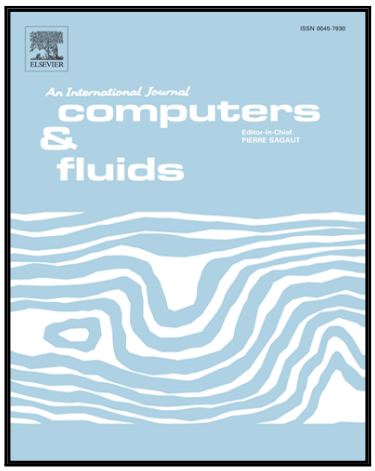

A comparative study of discrete velocity methods for low-speed rarefied gas flows

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PII: S0045-7930(17)30414-0
DOI: 10.1016/j.compfluid.2017.11.006
Reference: CAF 3651

To appear in: *Computers and Fluids*

Received date: 8 July 2017
Revised date: 26 October 2017
Accepted date: 12 November 2017

Please cite this article as: Peng Wang, Minh Tuan Ho, Lei Wu, Zhaoli Guo, Yonghao Zhang, A comparative study of discrete velocity methods for low-speed rarefied gas flows, *Computers and Fluids* (2017), doi: 10.1016/j.compfluid.2017.11.006

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Highlights

- Accuracy and computational efficiency of the two DVM methods are studied.
- In the near hydrodynamic flow regime, DUGKS seems to have advantages.
- For rarefied steady flows, the implicit GDVM may be preferred.

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