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Benchmark numerical simulations of rarefied non-reacting gas flows using an open-source DSMC code

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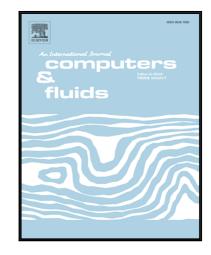
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Highlights

- \bullet The dsmcFoam code was carefully verified and validated.
- Rarefied gas flows simulations were performed for simple and complex geometries.
- For all the cases investigated, *dsmcFoam* demonstrated very good agreement with numerical and experimental data.

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