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Unstructured continuum-kinetic solver with fluid-particle interaction for in-space propulsion
contaminant dispersal

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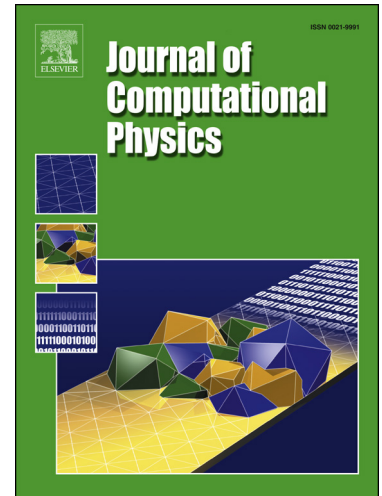
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Highlights

- Boltzmann discrete velocity method (DVM) for unstructured grids.
- Coupled DVM-Hybrid/RANS-LES Method for unstructured grids.
- Fluid-particle interaction in coupled DVM-CFD environment.
- Validation for shock structure, and near-vacuum thruster flow demonstration.
- Simulation of liquid fuel droplet tracking in unified solution framework.

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