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Hybrid spatially-evolving DNS model of flow past a sphere

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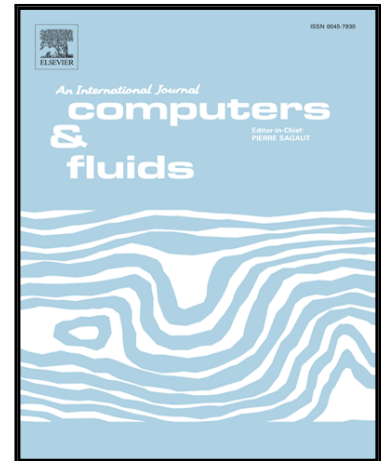
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Highlights

- First study of the stratified wake past a sphere using hybrid model DNS
- Hybrid model simulations are much less computationally expensive than alternatives
- Strategic choice required for interface between the hybrid and body-inclusive models
- Mean and turbulence velocities and wave field well-predicted by hybrid model

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