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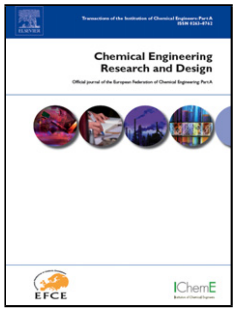

Title: Numerical Simulation of Unsteady Dense Granular Flows with Rotating Geometries

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Highlights:

- A rotating mesh method for the simulation of unsteady dense granular flows is presented.
- Numerical validation by comparison to conventional methods (rotating frame, sliding wall) shows excellent agreement.
- The method is successfully applied to the simulation of a complex large scale stirrer.

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