

**Uchiyama, Tomomi; Minemura, Kiyoshi; Naruse, Masaaki; Arai, Hikaru**

**Numerical simulation of gas-solid two-phase free turbulent flow by a vortex method.** (English)

[Zbl 0982.76536](#)

Kamemoto, Kyoji (ed.) et al., Vortex methods. Selected papers from the 1st international conference, Kobe, Japan, November 4-5, 1999. Singapore: World Scientific. 161-168 (2000).

For the entire collection see [[Zbl 0944.00079](#)].

**MSC:**

[76M23](#) Vortex methods applied to problems in fluid mechanics

[76T15](#) Dusty-gas two-phase flows

[76F25](#) Turbulent transport, mixing

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gas-solid two-phase free turbulent flow; vortex method; Lagrangian method; turbulent intensity of particle