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МЕХАНІКА ДВОФАЗНИХ ПОТОКІВ
У ЧОТИРЬОХ ТОМАХ

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А.Ф. Булат, О.І. Волошин

**МЕХАНІКА
ДВОФАЗНИХ
ПОТОКІВ
«газ–тверді частинки»**

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First volume is sanctified to creation of bases of fundamental theory of motion of diphas streams «gas—particulate matters» in the field of action of vibroaerodynamic forces. The physically reasonable mathematical model of motion of diphas streams is expounded «gas—particulate matters», that is worked out with the use of mechanics of heterogeneous environments. The system of differential equalizations is got in partials in relation to speeds of phases, which are locked by equalizations of the state for and quasigases of particles, and also by the condition of plenitude of volume. Results over of physical design and authentication of parameters of process of portage of diphas streams «gas—particulate matters».

For research workers and engineers, engaging in the problems of motion of diphas streams «gas—particulate matters» in the pipeline systems, and also for students on speciality the «Industrial transport».

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