

Makov, Yu. N.; Stepanyants, Yu. A.

Influence of stratification on the stability of shear flows of an ideal fluid. (English. Russian original) [Zbl 0644.76044](#)

Sov. Phys., Dokl. 30, No. 10, 836-838 (1985); translation from Dokl. Akad. Nauk SSSR 284, No. 5, 1084-1088 (1985).

MSC:

76E05 Parallel shear flows in hydrodynamic stability

76V05 Reaction effects in flows

Cited in **1** Document

Keywords:

hydrodynamic stability; linearized hydrodynamic equations; sufficient conditions; stability of shear flow; statically stable stratification; plane-parallel flows; negative-energy waves; unstable stratifications