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On the stability of rotating liquid stars. (English) Zbl 0459.76028
Sci. Sin. 24, 61-73 (1981).

For a scan of this review see the [web version](#).

MSC:

- 76E20 Stability and instability of geophysical and astrophysical flows
- 76M45 Asymptotic methods, singular perturbations applied to problems in fluid mechanics
- 76D10 Boundary-layer theory, separation and reattachment, higher-order effects
- 85A30 Hydrodynamic and hydromagnetic problems in astronomy and astrophysics
- 49R50 Variational methods for eigenvalues of operators (MSC2000)
- 34D10 Perturbations of ordinary differential equations
- 76U05 General theory of rotating fluids

Keywords:

rotating liquid stars; secular stability; secular instability growth rate