

UPON STABILIZATION OF VISCOUS STRATIFIED CIRCUMVOLVING FLUID MOTION

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The case investigates Cauchy problem for linear system of equations with partial derivatives describing minor oscillations of viscous stratified fluid in rotating coordination system under homogeneous in time or periodically in homogeneous force. The zero and first members of asymptotic transformations of the solution components at $t \rightarrow \infty$ were built. The resonance case was considered. The classes of asymptotic amplitudes uniqueness, i.e. homogeneous conditions, towards which solutions stabilize, were yielded.