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The asymptotic behavior of solutions to linearized Navier-Stokes equations. (English. Russian original) [Zbl 0941.35060](#)

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Conditions are established that ensure that solutions to the linearized time-dependent Navier-Stokes equations are close in the long-time limit to the solutions to the corresponding time-independent equations, if the corresponding coefficients of these equations are close in some weak sense that allows, in particular, the oscillation of these coefficients.

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MSC:

[35Q30](#) Navier-Stokes equations

[35B40](#) Asymptotic behavior of solutions to PDEs

Keywords:

[linearized time-dependent Navier-Stokes equations](#); [long-time limit](#)