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~~Part: No. 17. Date: 1962, no. 1, pp. 29-30~~  
~~CRS-11-01-1966~~

*A. A. Lebedev*

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**ON THE PROBLEM OF STABILITY OF MOTION IN A FINITE TIME INTERVAL.** [1963] 32p 6refs

Free copies available from Boeing Scientific Research Labs. Library as Boeing Trans. R20. When supply is exhausted, order from OTS or SLA \$3.60

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Trans. of Prikladnaya Matematika i Mekhanika (USSR) 1954, v. 18, p. 75-94.

**DESCRIPTORS:** \*Perturbation theory, \*Stability, \*Motion, Equations of motion, Differential equations.

The method given by G. V. Kamenko is utilized to define, with respect to equations of the first approximation, conditions of stability of transient motion for finite initial, and finite, constantly acting perturbation. In this connection a method is given for determining the time interval in which unperturbed motion is stable.  
(Author)

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- I. Lebedev, A. A.
- II. Boeing Trans-R20
- III. Boeing Scientific Research Labs., Seattle, Wash.

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(Mechanics, TT v. 10, no. 12)

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DESCRIPTION: \*Weather forecasting, Oceanography,  
Fishing, \*Ships, \*Marine meteorology, Ocean  
currents, \*Hydrology, Ships, Production.

197063

In order to give timely and regular notification to the  
captains of ships in the fishing industry about changes  
in the hydrological regions and in the character of the  
development of synoptic processes, and also about  
current and anticipated conditions in the industry, the  
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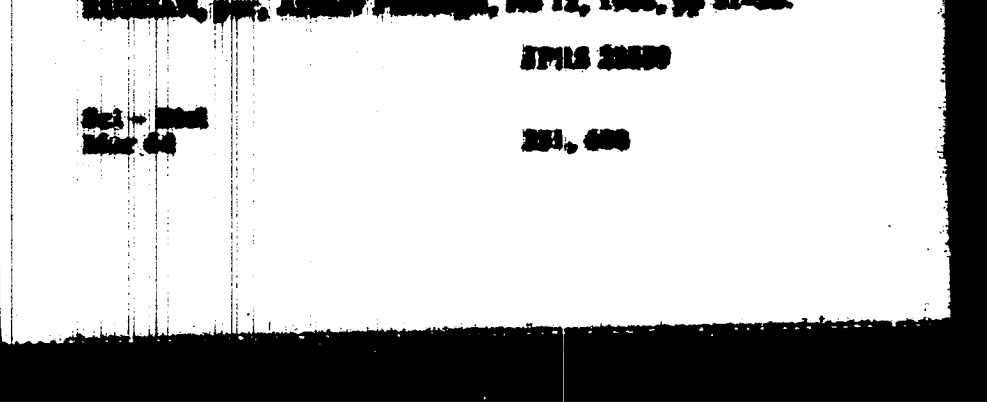
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