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DESCRIPTORS: *Quantum statistics, *Statistical mechanics, *Quantum mechanics, Dynamics, *Equations, Statistical functions, *Charged particles, Plasma physics, Relativity theory, N-body problem.

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Lag time: ca. 6 months
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227 West 17th Street
New York, N.Y. 10011
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Source: Trudy Inst. Fiz. UkrSSR, #4 (1953), pp 37-70.

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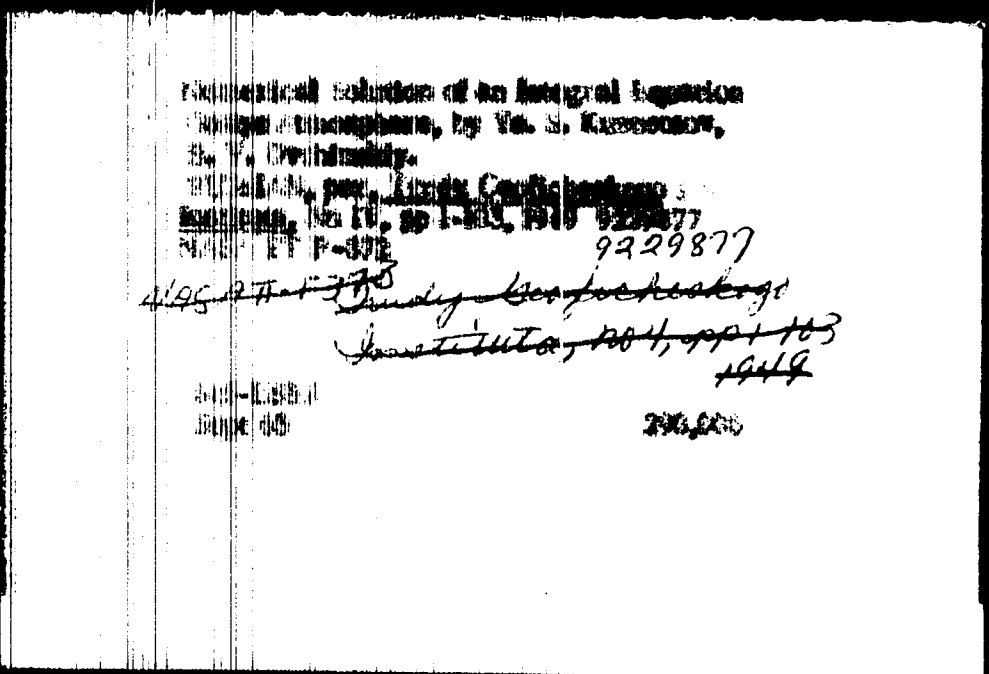
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DESCRIPTORS: *Wave analysis, *Vibration, Propagation, *Elasticity.

Sinusoidal vibrations excited by a point source in an ideally elastic medium consisting of a layer lying between two semi-spaces are considered. It is shown that the main part of the displacement remote from the source consists of waves of a specific type. Some of the properties of these waves are investigated. (Author)

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