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DESCRIPTORS: *Transport properties, *Plasma
physics, Magnetic fields, Plasma oscillations, Theory.

The theory of transport phenomena in a plasma across a
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The spectra of a many-particle system with central interaction are examined both at high temperature, (Boltzmann distribution), and at low temperatures (Physics - Spectroscopy, TT, v. 9, no. 5) (over)

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DESCRIPTORS: *Plasma physics, Magnetic fields,
Particles, Electrons, Ions, Oscillation, Theory.

A theory is described for the transfer phenomena in a
plasma across a constant magnetic field. An important
new moment is the calculation of the interaction of
plasma particles with longitudinal oscillation. It is
shown that with fairly large ratios of the electron and
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(Physics--Electronics, TT, v. 9, no. 6)

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DESCRIPTORS: *Plasma physics, *Plasma oscillations,
Oscillation, Electrons, Frequency, Stability, Elec-
tromagnetic waves, Magnetic fields, Quantum statistics

The natural oscillations of a weakly inhomogeneous
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