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Title: TABLE OF CONTENTS OF 'THE COLLECTED WORKS OF N. Ye. KOCHIN'

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TABLE OF CONTENTS OF 'THE COLLECTED WORKS OF N. Ye. KOCHIN'

(Note: Following is the table of contents of Kochin's collected works published in two volumes, on meteorology, hydrodynamics, aerodynamics, dynamics and mathematics. Most of these works, published between 1922 and 1944, appeared only in Russian journals.)

Kochin started his work in dynamic meteorology at the Main Geophysical Observatory at Leningrad shortly after its organization in 1920 by A. A. Friedman. One of the problems formulated by Friedman was whether it was possible to have a fluid motion under the action of conservative forces such that vortices are present even though heat is not supplied from the outside and the density is constant. In his early work Kochin showed that it is possible to have an adiabatic incompressible flow with conservative forces such that vortices are formed and destroyed during the motion.)

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