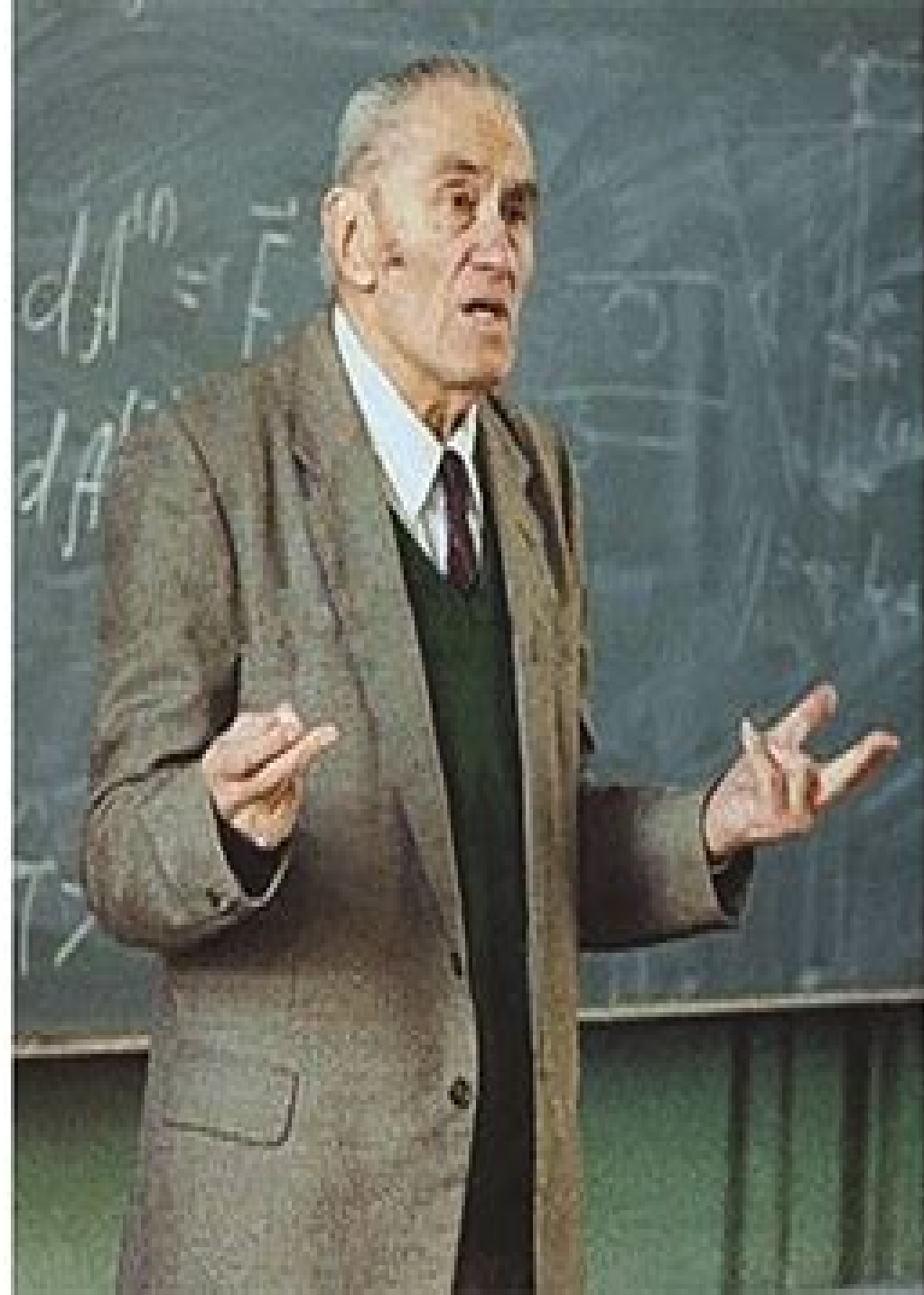


# Problems in General Physics

I. E. Irodov



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# Irodov 5 1solved

**I.E. IRODOV**



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**Part I** Mechanics Kinematics The Fundamental Equation of Dynamics Laws of Conservation of Energy Momentum and Angular Momentum Universal Gravitation Dynamics of a Solid Body Elastic Deformation of a Solid Body Hydrodynamics Relativistic Mechanism

**Part II** Thermodynamics and Molecular Physics Equation of the Gas State Processes The First Law of Thermodynamics Heat Capacity Kinetic Theory of Gases Boltzmann's Law and Maxwell's Distribution The Second Law of Thermodynamics Entropy Liquids Capillary Effects Phase Transformations Transport Phenomena

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*49011020 Basic Laws Of Electromagnetism* I.E. IRODOV, 2018

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*A Collection of Problems in Atomic and Nuclear Physics* Igor' Evgen'evich Irodov, 1966      *Problems in Atomic and Nuclear Physics* I. E. Irodov, 1983

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