

# **INFLUENCE OF THE RAMSAUER EFFECT ON THE ELECTROPHYSICAL CHARACTERISTICS OF THERMAL PLASMA OF NOBLE GASES AND THEIR MIXTURES**

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The influence of the Ramsauer effect on the properties of noble gases and their mixtures is considered. It is revealed the peculiarities of electrophysical characteristics (the discrepancy between electron temperature and gaseous one, electrical conductivity and others transport coefficients) that are due to the Ramsauer effect. For the first time the calculations of pointed characteristics are performed on the base of the method of spherical harmonics for the Boltzmann kinetic equation.