

THE INFLUENCE OF THE PARAMETERS  
OF AN ATMOSPHERIC PRESSURE BARRIER  
DISCHARGE IN AIR ON THE PLASMA KINETICS

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S u m m a r y

The influence of the characteristics of microdischarges representing structural elements of a barrier discharge on the plasma kinetics in the latter is considered. The reasons that affect the behavior of the concentrations of some components are clarified. It is shown that the indeterminacy of the characteristics results in the values of the concentrations that lie within wide limits.