

## **DYNAMICS OF EVAPORATION IN TWO-PHASE SYSTEMS**

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### **Abstract**

Investigation of the evaporation dynamics in a liquid layer under a gas flow was conducted. Correlation dependences of the evaporation rate from the gas flow rate and temperature for "ethanol - air" system were obtained. Comparisons to existing experimental data are presented. The dependence of the evaporation rate growth with increasing the temperature is observed to have virtually the same tendency for the experimental two-phase systems and not to depend on the thermophysical properties of the liquid and gas.