

**PECULIARITIES OF THE THIN HIGH-QUALITY FILMS FORMATION
BY THE VACUUM ARC DISCHARGE IN THE VAPORS OF AN ANODE MATERIAL**

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The results of experimental investigations of a nonself-sustained arc discharge in the vapors of an anode material are presented. The possibilities and the peculiarities of the discharge for a purpose formation of the sublayer-free high quality optical films and resistive layers with necessary parameters are shown.