

# USING OF HEAT-PIPES WITH INCREASED HEAT CONDUCTION AS CORE ELEMENTS OF SYSTEM OF THERMAL CONTROL FOR AEROSPACE EQUIPMENT

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This paper, executed under the direction of doctor of engineering sciences, professor of Biryuka Vladimir Vasil'evicha, studies the main thermal physic characteristics of heat-pipes with increased heat conduction, which have axial grooves made of aluminum alloy AD31 as wick.

*Heat-pipes, systems of thermal control, thermal capacity, thermal resistance, aluminum shapes, structural grooves, wick*

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