

# CALCULATED STUDY OF TANGENTIAL INCLINATION OF NOZZLE VANES INFLUENCE ON GAS-DYNAMIC EFFICIENCY OF AXIAL TURBINE STAGE

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The result of calculated study are stated and the changes of flow and losses structure in vane rows in transonic turbine stage by the tangential inclination of nozzle vanes have been justified in given article. Recommendations on the choice of bent vanes shape of the nozzle vane row have been suggested.

*Nozzle blade, turbine, effectiveness, pitch, force, periphery, suction face of blade, pan, pressure*

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