

THE CALCULATED STUDY OF FLUID STRUCTURE IN A HUB AN AXIAL AVIATION TURBINE

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The paper conducts comparison of gas torrent patterns in interblade channels of a turbine stage. Received in calculation by means of CFX program with the existent physical conceptions and experimental data. The calculated torrent structure matches well the given data, and allows to study secondary torrents in an axial turbine channel in detail.

Calculation gas dynamics, turbine, ultimate elements, operating wheel, tearing off, secondary flow

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