

# HYDROGENIUM SATURATION RESEARCH FOR FINISHING PULSED ELECTROCHEMICAL MACHINING OF TITAN ALLOY (BT9) TJ BLADES

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Hydrogenium saturation of a machined surface for finished pulsed electrochemical machining (ECM) of titan alloy (BT9) TJ blades is an important problem of modern aviation propulsion engineering. The article gives the results technological factors research influence on Hydrogenium saturation of the processed surface. The equation of regression for Hydrogenium saturation and based technological factors of finished pulsed ECM was presented. The fields of the application of the research results are discussed.

*Hydrogen saturation, pulse, method, shaping, blade, compressor, alloy*

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