

THE OPTIMIZATION OF THE TURBINE BLADE-DISK INTERLOCK OF THE TYPE “FIR TREE”

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The stiffness stress state in the interlock blade-disk of the type “fir tree” in the condition of crack birth is examined here. The changing of the stiffness of a stress state is considered in depending on the basic interlock angels. The approach for the interlock optimization provides the increase of the fracture strength.

Stress state in the interlock blade-disk, the optimization, turbine, stiffness of the stress state

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