

Algorithm of calculation of energy consumption on the basis of differential model of the production task performed on machines with computer numeric control (CNC)

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Abstract

© Published under licence by IOP Publishing Ltd. The calculation algorithm, power consumption of all consumers involved in the operation and production tasks developed by the example of workplaces equipped with CNC machines is developed. The algorithm takes into account the actual status, operating modes and switching sequence of all electricity consumers.

<http://dx.doi.org/10.1088/1757-899X/240/1/012060>

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