

Summary

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Zablotsky Ya.S. Master thesis: "Research of characteristics of rigidity of a vertical turning semiautomatic lathe 1K282" ___ page ___ tables, ___ drawings, ___ references, graphic part (___ sheets of the A1 format).

The purpose of work is researches characteristics of rigidity of a vertical turning semiautomatic lathe 1K282.

The information and patent researches, are presented as well as optimization of schemes of shape forming. The optimized schemes of shaping are developed. The general matrix of configuration and optimal one is defined. The technological calculation for the purpose of definition of type of production is carried out. The drive of the main motion calculation is carried out.

The technique of the analysis of static rigidity of the turning lathe with taking into account a configuration of its working space

RIGIDITY, PLIABILITY, TURNING LATHE, MORPHOLOGICAL ANALYSIS, CONFIGURATION.