

# CUTTING PROCESS OPTIMIZATION ON THE BASE OF CNC ADAPTIVE PROGRAMMING

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## **ABSTRACT**

Key characteristics of state-of-the-art cutting machine tools – precision, rigidity, productivity are increasing permanently. However, in major of cases they are not realized accordingly. Reason of so called ravine is in implementation of non up-to-date approaches of process planning and calculation of process related parameters.

Paper represents the cutting process optimization approach enables adaptive programming of CNC and calculation of non-diminished process related parameters by using the advanced possibilities of nowadays CNC machine tools.