

# FEATURE-BASED APPROACH IN CAD/CAM/CNC INTEGRATION

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## **ABSTRACT**

*This paper reports the Manufacturing System Integration methodology based on the Constructive-Technological Features, which permits to increase workability and reliability of Numerical Control programs and reduce volume of prove-out procedures on the machine tools. Conjunction of stock form features, and machining and quality control processes features are described. In this case methodical aspects of synthesis procedures realization on the different levels of decision making are discussed. An object-oriented technological engine called Turbo T, which currently are being developed at the Georgian Technical University, are presented.*

## **KEYWORDS**

NC program, reliability, worker models, features