Extraction of 2D AutoCAD Geometric Data and Post-processing for Numerical Control

by

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Abstract

This paper presents some considerations regarding the extracting of geometrical data from CATIA models with the aim of using this data to program computer numerical control machine tools that do not have postprocessors integrated in the CATIA environment. This data usually represents holes and plane contours defined by their characteristic points. The paper defines how the information is organized in files and how these files can be used by postprocessor applications. A postprocessor that uses such information is also presented

Keywords

AutoCAD, VB.NET, postprocessor, CNC, geometric data.