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Mansoura University
Faculty of Engineering
Production Engineering and mechanical
design dept.

An Application Of Computer Vision Techniques For Programming CNC Milling Machines

BY

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B.Sc. Production Engineering and mechanical design
Mansoura University-Faculty of Engineering
A Demonstrator in Engineering Science dept.
Suze Canal University-Faculty of Petroleum and Mining Engineering

A Thesis

*Submitted in Partial Fulfillment of Requirements for Master Degree in
Production engineering*

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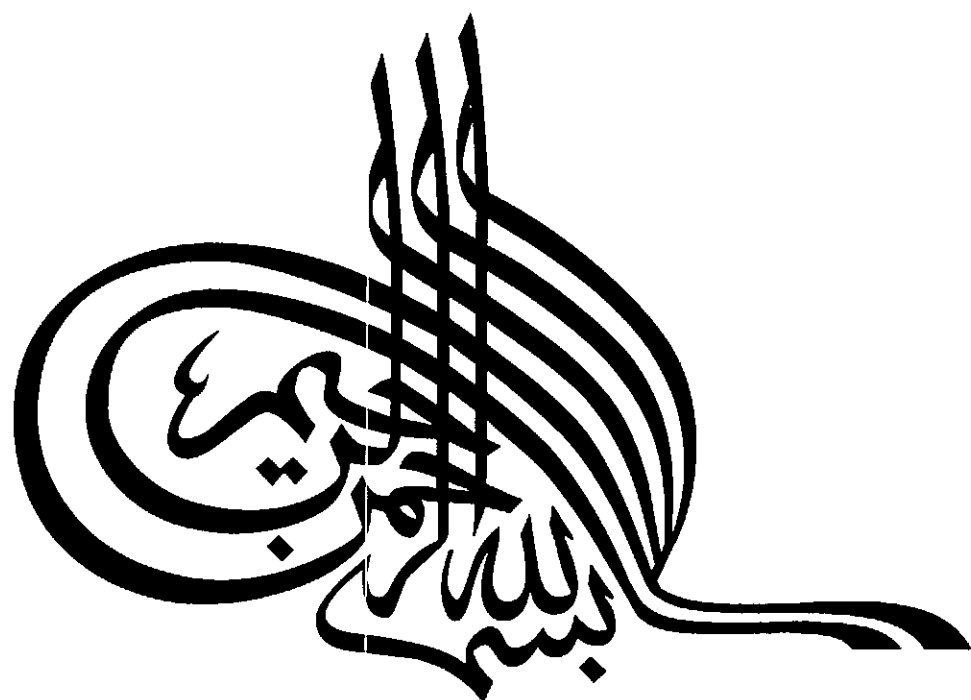
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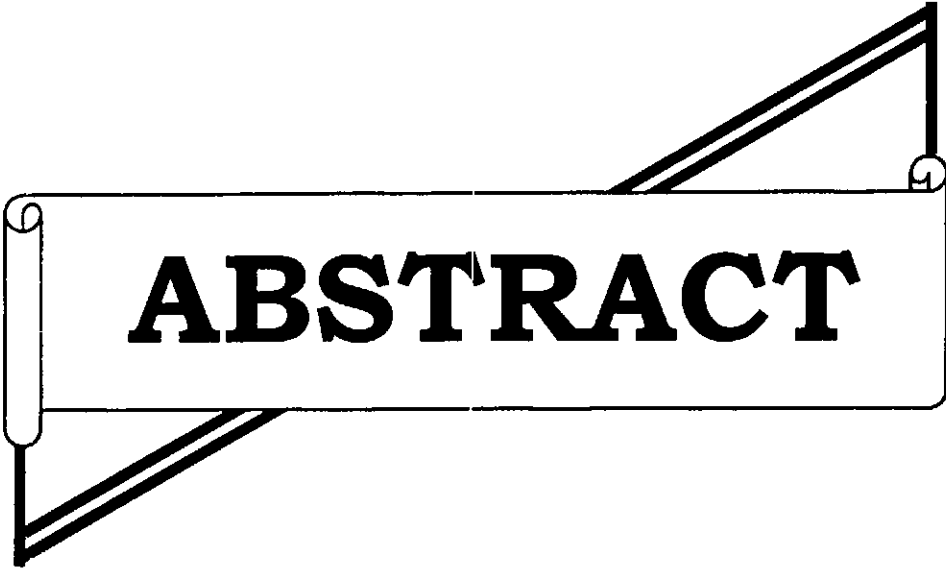
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ABBREVIATION

CAD	Computer Aided Design
CAM	Computer Aided Manufacturing
CCD	Couple Charged Device
CMM	Coordinate Measuring Machine
CNC	Computer Numerical Control
CPP file	Microsoft C++ implementation file
G-codes	Types of Preparatory codes used in CNC Milling Machine
H file	Microsoft C++ header file
M-codes	Types of Miscellaneous codes used in CNC Milling Machine
MFC	Microsoft Foundation Class
NC	Numerical Control
PC	Personal Computer
T	Threshold



ABSTRACT