

MINI-MACHINES WITH NUMERICAL COMMAND CONTROLLED BY MEANS OF STEPPER MOTORS MADE BY AMATEUR BUILDERS

V. POPA¹ E. POPA²

***Abstract:** This paper presents mini-machines with numerical command controlled by means of stepper motors made by amateur builders, and the author's preoccupations. Some of these machines are operated by means of mini-controllers connected in series to an IBM-PC compatible computer. Others, the most, are directly connected to the computer, to the parallel port meant for the printer.*

***Key words:** CNC, mini-machine, building, control, computer.*

¹ Dept. of Machine Tools for Wood Industry, *Transilvania University of Braşov.*

² Dept. of Descriptive Geometry and Engineering Design, *Transilvania University of Braşov.*