

Maciej BODNICKI
Piotr BOJAŃCZYK
Damian LEŚNIAK

LABORATORY STAND FOR DYNAMIC TESTS OF STEPPING MOTOR DRIVES

ABSTRACT *Problems of dynamic operation of drives with stepping motors are complicated because of the character of operation of these micro-machines. The developed stand is equipped with a number of measurement converters making it possible to monitor and analyze quantities characterizing the motion of stepping motors. Modular structure allows the configuration of the system to be rearranged in a simple way and an easy expansion to be introduced in the future. The assumption of the study is a didactic character of the structure and research program, and possibility of learning advanced techniques related to stepping motor control.*

Keywords: *drive system, stepping motor, laboratory stand, dynamic measurements.*