

А.А. Щерба, Н.І. Поворожнюк

ЕЛЕКТРОТЕХНІКА

Частина III. Мікропроцесорна
і комп'ютерна техніка



Electrical engineering. Part III. Microprocessor and computer technology. A.A. Scherba, N.I. Povoroznyuk – Institute of Electrodynamics of the NAS of Ukraine. – Kyiv, Institute of Electrodynamics of the NAS of Ukraine, 2016. – 288 p. 300 copies. ISBN 978-966-02-6086-3 (general), ISBN 978-966-02-7929-2 (P.3)

The tutorial outlines the basic concepts, and principles of the computer operation. Its structure, functioning and characteristics of the individual devices and their interaction in the operation are considered. The methods of information processing using the computers are analyzed. The algorithms of the operation of processor, memory and devices of input / output of the information are given. The theoretical positions are illustrated by numerous examples.

The tutorial is intended for the students of higher educational institutions.