

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

National Aviation University

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**PRINCIPLES AND APPLICATION
OF ELECTRICAL ENGINEERING**

CREDIT-MODULE SYSTEM

Training book

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Approved by the CSF drafting editorial

Board of Electronic and control system institute, March 2005.

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Z42 Principles and Application of Electrical Engineering. Credit-
module system : Training book. K.: NAU, 2005. – 232 p.

The book allows the reader to master basic principles of
calculating technique of the steady-state and transients in the
electric and magnetic circuits. The problems and ways of their
solving illustrate the application of various theoretical principles.

It is intended for teachers and students of the senior courses.

Зеленков О.А., Кравчук О.Ю.

Основні закони та застосування електротехніки
(Кредитно-модульна система): Навчальний посібник
(англійською мовою). – К.: НАУ, 2005.– 232 с.

Розглянуто основні закони та методи розрахунку
усталених та перехідних режимів в електричних і магнітних
колах. Задачі з наведеними розв'язками ілюструють
різноманітні теоретичні принципи та розрахункові методи.

Для студентів старших курсів, які навчаються за
напрямами 0906 "Електротехніка", 0914 "Комп'ютеризовані
системи, автоматика і управління", 0925 "Автоматизація та
комп'ютерно-інтегровані технології" та 1001 "Авіація та
космонавтика", а також буде корисним для викладачів.

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