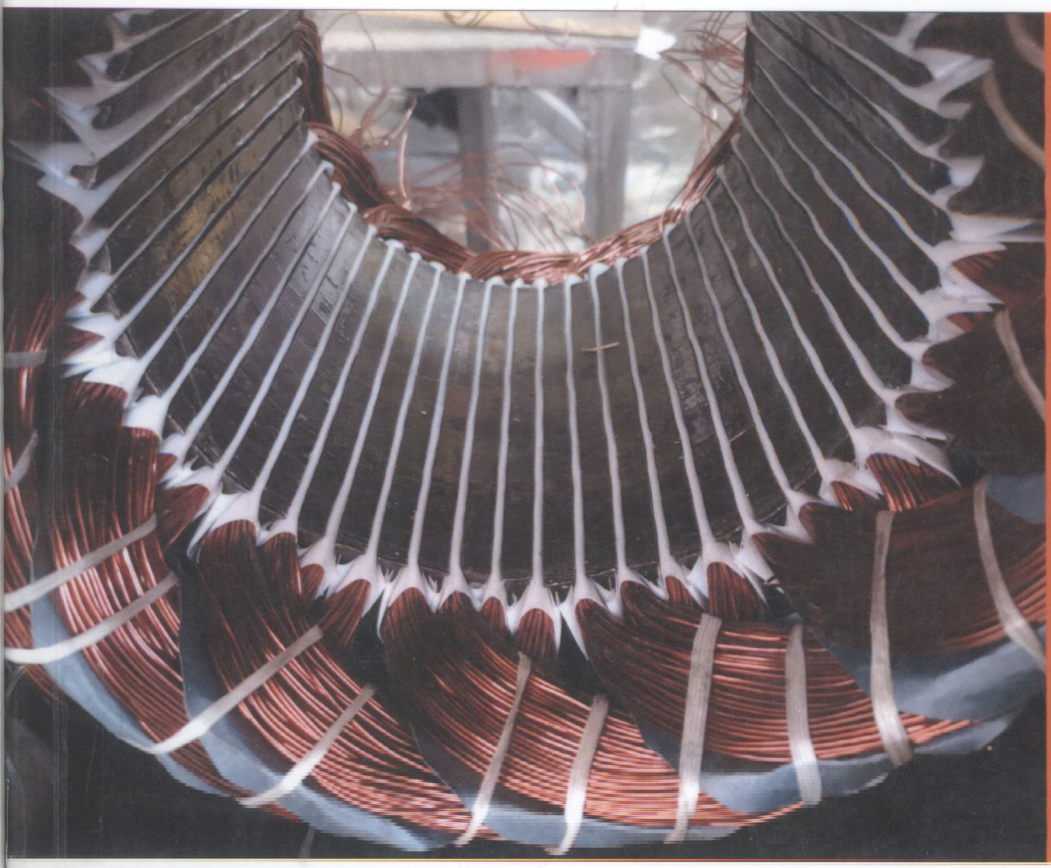
Electromechanical Energy Conversion



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Contents

Electromechanical Energy Conversion

This book is intended to be a textbook on "Electromechanical Energy Conversion" for the undergraduate students of electrical and electronic engineering in universities and colleges. Therefore, the level and amount of the knowledge to be transferred to the reader is kept as much as what can be transferred in one academic semester of a university or a college. Although the subject is rather classical and somehow well established in some respects, it is vast and can be difficult to grasp if unnecessary details are not avoided. This book is aimed to give the reader just what is necessary for a course of "Electromechanical Energy Conversion" with plenty of short and easily understandable examples and drawings, figures, and tables. A course on "electromechanical energy conversion" is a necessity in all universities and colleges entitled to grant a license for electrical engineering. This book is aimed at meeting the requirements of this essential subject of electrical engineering by providing necessary information to complete the course.

A compact chapter is included with figures and tables on energy and the restraints on its production brought about by the climate change of the planet. A new approach has been tried for some of the old subjects like magnetic circuits and electrical machines together with today's much-used motors.

ENGINEERING – ELECTRICAL

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