

Electrical steels for rotating machines

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Abstrak

This book provides the electrical design engineer with an insight into the properties and applications of electrical steels which are used in transformers and rotating machines. An acknowledged international expert in this field, Professor Beckley describes the principles controlling the action of electrical steels, including rotational loss and the influence of compressional stresses in transformers and rotating machines. The coverage of this book includes: manufacturing methods and applications, machine structuring and operation, cost versus quality issues, and physical properties including the magnetic response of composites, amorphous and microcrystalline materials.