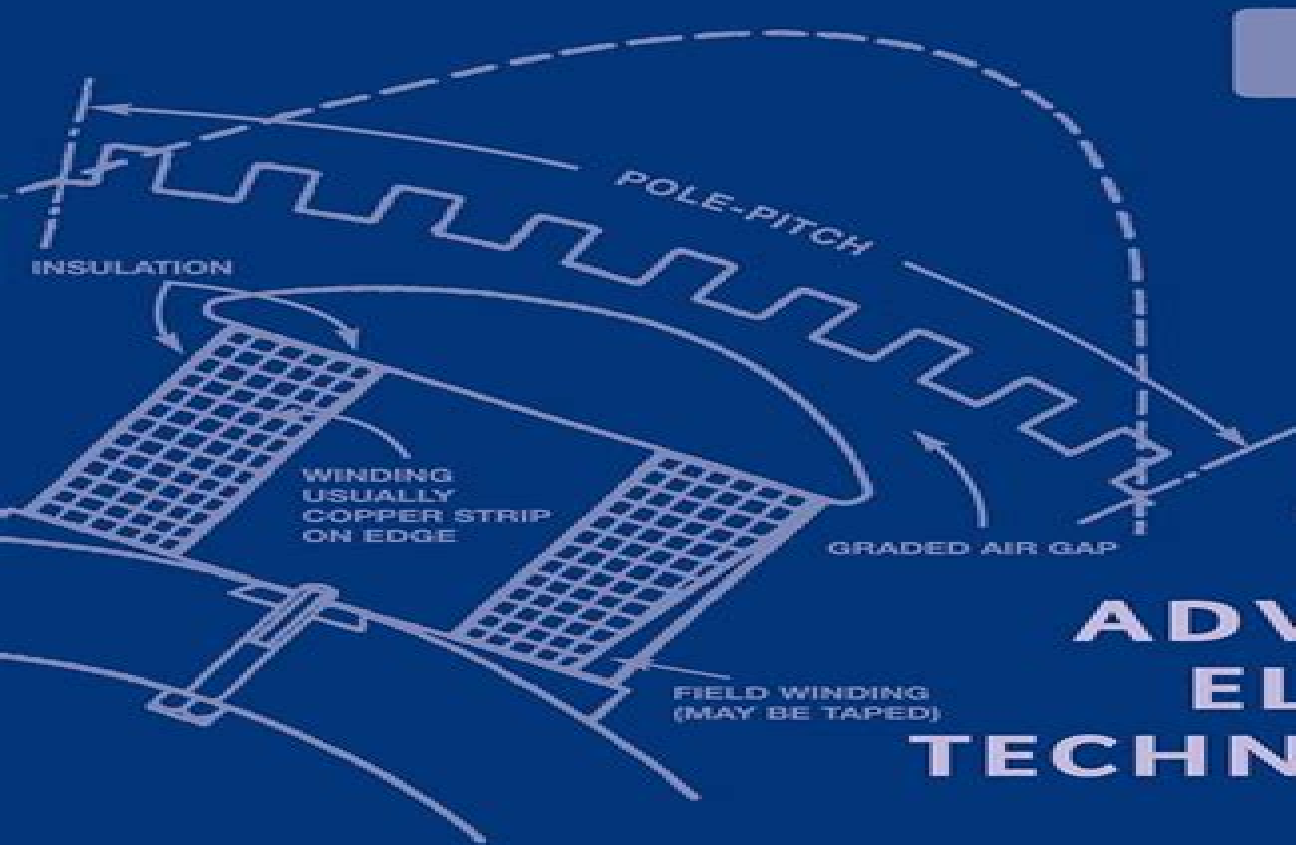


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This book is a companion to Reeds Vol 6 Basic Electrotechnology for Marine Engineers and covers aspects of theory beyond the scope of Volume 6. The book will cover the more advanced topics in electrotechnology for professional trainees studying Merchant Navy Marine Engineering Certificates of Competency CoC as well as the syllabi in electrotechnology for undergraduates studying for BSc BEng and MEng degrees in marine engineering and electrical engineering. The new edition will provide worked examples and test exam questions corresponding to current Merchant Navy Qualifications. Other revisions will include new material on emerging technology areas such as image intensifiers, photoelectric effect, secondary emission, thermal imaging cameras, radar, increased maritime use of LEDs, various semiconductor physics devices including the laser as well as discussions of binary or digital theory. *Reeds Vol 7: Advanced Electrotechnology* Edmund G.R. Kraal, 2006-01-01. A companion to Volume 6 Basic Electrotechnology for Engineers, this book covers more aspects of the theory of Electrotechnology. The syllabus is close to that of Electrical Engineering for Marine Engineer Cadets Phase 3 of the Alternative Training Scheme and covers more fully the requirements of the DoT syllabus for Class 1 and Class 2 Marine Engineers. Students studying for the Extra First Class Engineers Certificate will also find it of value. It anticipates future extensions of these syllabuses and deals with brushless AC generators, excitation systems for marine alternators and semiconductor theory relating to the diode, transistor and the thyristor. Numerous fully worked problems are included in the text as well as test examples and typical examination questions with solutions. **Reed's Advanced Electrotechnology for Marine Engineers** Edmund George R. Kraal, 1970. **Reed's Advanced Electrotechnology Forengineers** E. G. R. R. Kraal, 1977. Reed's Advanced Electrotechnology for Engineers Edmund George R. Kraal, 1970. **Advanced Electrotechnology for Marine Engineers** Christopher Lavers, Edmund G. R. Kraal, 2014. **Reed's Advanced Electrotechnology for Engineers** Edmund George R. Kraal, 1977. **Advanced Electro-Technology for Engineers** E. G. R. Kraal, 2002-11. A companion to Volume 6, this book covers more aspects of the theory of Electrotechnology. The syllabus followed is close to that of Electrical Engineering for Marine Engineer Cadets Phase 3 of the Alternative Training scheme and covers more fully the requirements of the Department of Trade syllabuses of Electrotechnology for First and Second Class Marine Engineers. It is of value to students studying for the Extra First Class Engineers Certificate and includes fully worked problems, test examples and typical exam questions with solutions. **Reeds Vol 6: Basic Electrotechnology for Marine Engineers** Christopher Lavers, 2020-02-06. This book provides comprehensive coverage of the basic theoretical work required by Marine Engineering Officers and Electrotechnical Officers (ETOs) putting into place key fundamental building blocks and topics in electrotechnology before progressing to more complex topics and electromagnetic systems. Volume 6 covers essential basic electrotechnology principles for the 21st century including the fundamentals of electron theory, AC and

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