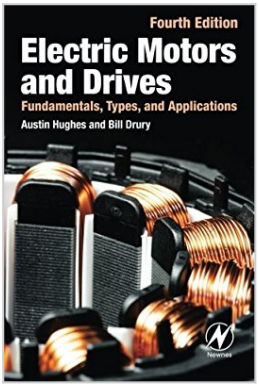

Electric Motors and Drives: Fundamentals, Types and Applications, 4th Edition

By Austin Hughes, Bill Drury

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Electric Motors and Drives is intended for non-specialist users of electric motors and drives, filling the gap between maths- and theory-based academic textbooks and the more prosaic 'handbooks', which provide useful detail but little opportunity for the development of real insight and understanding. The book explores all of the widely-used modern types of motor and drive, including conventional and brushless D.C., induction motors and servo drives, providing readers with the knowledge to select the right technology for a given job.

The third edition includes additional diagrams and worked examples throughout. New topics include digital interfacing and control of drives, direct torque control of induction motors and current-fed operation in DC drives. The material on brushless servomotors has also been expanded.

Austin Hughes' approach, using a minimum of maths, has established Electric Motors and Drives as a leading guide for electrical engineers and mechanical engineers, and the key to a complex subject for a wider readership, including technicians, managers and students.

- Acquire knowledge of and understanding of the capabilities and limitations of motors and drives without struggling through unnecessary maths and theory
- Updated material on the latest and most widely-used modern motors and drives, including brushless servomotors
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Editorial Review

Review

"This book is very readable, up-to-date and should be extremely useful to both users and o.e.m. designers. I unhesitatingly recommend it to any busy engineer who needs to make informed judgments about selecting the right drive system." **--Drives and Controls**

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"The coverage of drive types and behaviors is thorough and up to date." **--Electrical Apparatus, May 2006**

From the Back Cover
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