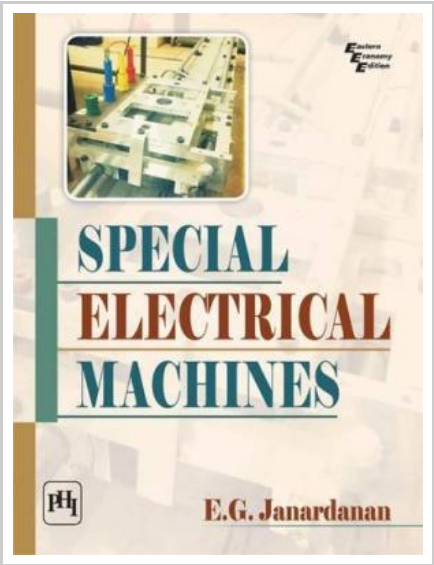




# Special Electrical Machines

By E.G. Janardanan

PHI Learning 0. Softcover. Book Condition: New. This book covers the complete syllabi prescribed for undergraduate courses in electrical, electronics, mechanical and instrumentation engineering offered by various Indian universities. The objective of this text is to provide thorough knowledge in the emerging field of special electrical machines. It discusses the stepper motor, switched reluctance motor, permanent magnet dc and ac motors, brushless dc motors, single phase special electric motors, servomotors, linear electric machines and permanent magnet axial flux machines. Key Features ? Chapter on permanent magnet axial flux machines (not available in other Indian authors? books) ? Numerous worked-out examples ? Based on classroom tested materials ? Simplified mathematical analysis Besides undergraduate students, the book will also be useful to the postgraduate students specialising in drives and control, power electronics, control systems and mechatronics. Contents: Preface Organisation of Book 1. Stepper Motor 2. Switched Reluctance Motor (SRM) 3. Permanent Magnet DC (PMDC) Motor and Brushless Permanent Magnet DC (BLDC) Motor 4. Permanent Magnet Synchronous Motor (PMSM) 5. Synchronous Reluctance Motor (SyRM) 6. Single-Phase Special Electrical Machines 7. Servo Motors 8. Linear Electric Machines 9. Permanent Magnet Axial Flux (PMAF) Machines Bibliography Index Printed Pages: 280.



### Reviews

*A top quality publication along with the font used was intriguing to read. I really could comprehended everything using this written e ebook. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe.*

-- ***Cathrine Larkin Sr.***

*Very useful to all of group of people. I actually have read through and so i am certain that i will planning to study yet again once again down the road. I am just very easily can get a satisfaction of looking at a created book.*

-- ***Mark Bernier***