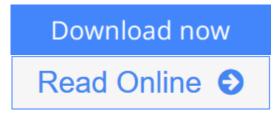


## **Electronic Variable Speed Drives**

By Michael E. Brumbach



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Written with the maintenance technician in mind, Electronic Variable Speed Drives, 2nd Edition serves as a practical guide to understanding different types of drive circuits, including: brushless DC motor controllers, chopper circuits, variable voltage inverters, current source inverters, and flux vector drives. Emphasis throughout the book's fourteen chapters is on troubleshooting and maintenance, with entire chapters devoted to DC Drive troubleshooting and AC Drive troubleshooting. All explanations and theory are fundamental and presented in a clear, concise, no-nonsense manner, with very little use of formulas. This one-of-a-kind book also features a comprehensive glossary to aid in mastering terminology, as well as chapter-specific objectives and review questions designed to reinforce key points.



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#### About the Author

Michael E. Brumbach is the Associate Dean of the Industrial and Engineering Technologies Division at York Technical College in Rock Hill, South Carolina. He holds an associate degree in electronics technology and is a member of the International Association of Electrical Inspectors (IAEI); the Instrumentation, Systems, and Automation Society (ISA); and the National Fire Protection Association (NFPA). Mr. Brumbach is also certified by the National Center for Construction Education and Research (NCCER) as a Core Curricula and Electrical Instructor. In addition to this book, Mr. Brumbach has authored INDUSTRIAL ELECTRICITY and INDUSTRIAL MAINTENANCE and has co-authored INDUSTRIAL MAINTENANCE.

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