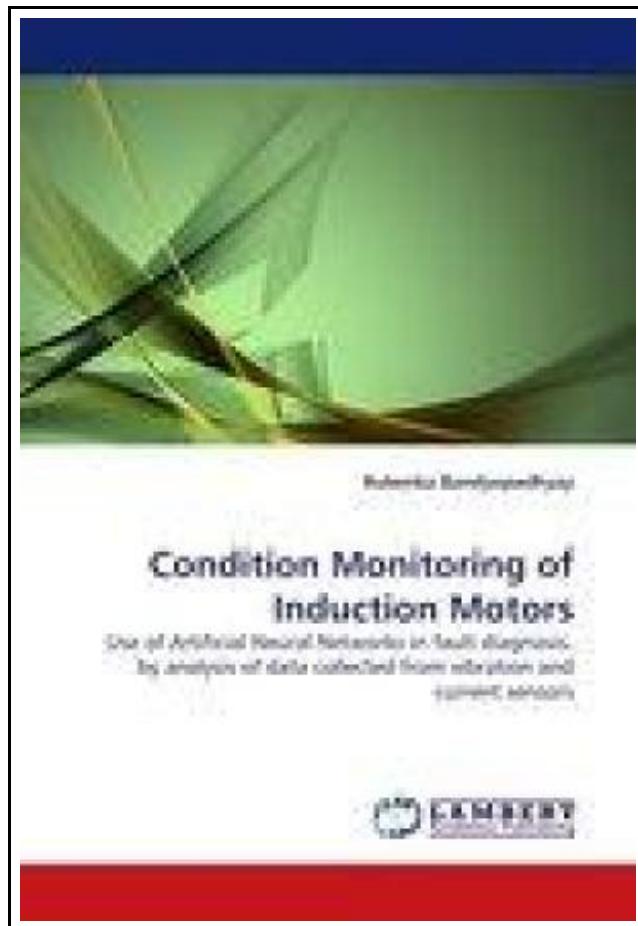


## Condition Monitoring of Induction Motors



Filesize: 9.69 MB

### Reviews

*Extremely helpful for all type of folks. It generally is not going to expense a lot of. I found out this book from my dad and i advised this book to find out.  
(Melany Goyette)*

## CONDITION MONITORING OF INDUCTION MOTORS

[DOWNLOAD PDF](#)

LAP Lambert Acad. Publ. Jul 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - Induction motors are widely used in present day industries, on account of its ruggedness, low cost and easy speed control. Condition monitoring of induction motors - the process by which certain parameters are continuously observed and analyzed for early fault detection, has become a vital part of machine maintenance. In this work, Artificial Neural Networks (ANNs) have been used for condition monitoring of 3-phase induction motors. RBF and FFBP neural nets were used for comparative analysis. Data collected from vibration and current sensors were processed and fed as inputs to the ANN. Continuous Wavelet Transform (CWT) and Park's Transform were used for processing. Faults such as bearing fault, broken rotor bar defect and stator winding unbalance faults have been dealt with. A multi-class approach using ANN has been attempted. This book looks into the process by which neural nets may be used to detect faults, which should help researchers, practicing engineers involved in industrial processes using induction motors and anyone else who is interested in using measured parameters in machines, to predict the occurrence and nature of fault. 80 pp. Englisch.

[Read Condition Monitoring of Induction Motors Online](#)[Download PDF Condition Monitoring of Induction Motors](#)

## Other eBooks

---



### **Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products**

Fair Winds Press, 2006. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by...

[Download Book »](#)

---



### **Author Day (Young Hippo Kids in Miss Colman's Class)**

Scholastic Hippo, 1996. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by Royal...

[Download Book »](#)

---



### **Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph**

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!.

[Download Book »](#)

---



### **Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success**

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How...

[Download Book »](#)

---



### **My Friend Has Down's Syndrome**

Barron's Educational Series Inc.,U.S. Paperback. Book Condition: new. BRAND NEW, My Friend Has Down's Syndrome, Jennifer Moore-Mallinos, Younger children are normally puzzled when they encounter other kids who suffer from Down's Syndrome. Here is a...

[Download Book »](#)