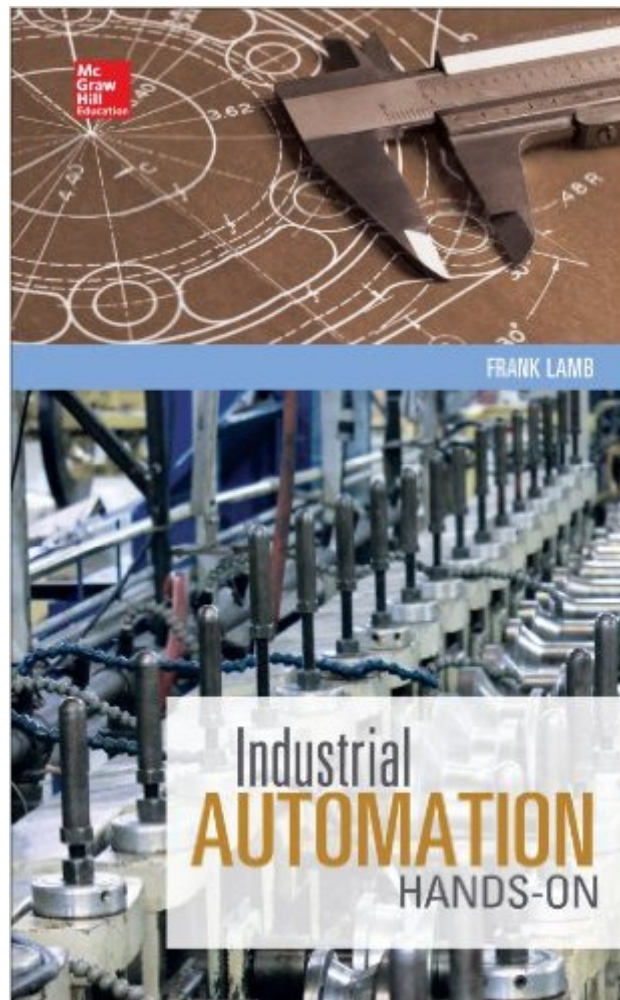


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Industrial Automation: Hands On



Synopsis

A practical guide to industrial automation concepts, terminology, and applications Industrial Automation: Hands-On is a single source of essential information for those involved in the design and use of automated machinery. The book emphasizes control systems and offers full coverage of other relevant topics, including machine building, mechanical engineering and devices, manufacturing business systems, and job functions in an industrial environment. Detailed charts and tables serve as handy design aids. This is an invaluable reference for novices and seasoned automation professionals alike. **COVERAGE INCLUDES:** * Automation and manufacturing * Key concepts used in automation, controls, machinery design, and documentation * Components and hardware * Machine systems * Process systems and automated machinery * Software * Occupations and trades * Industrial and factory business systems, including Lean manufacturing * Machine and system design * Applications

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Customer Reviews

Industrial Automation: Hands On is a comprehensive overview of the wide and varied field of industrial automation. It is not a detailed tutorial; instead, it provides a solid basis so that you will have a good idea of where to start looking for detailed knowledge. The explanations are concise, understandable, and well written. I especially liked the author's tips (and wish there were more). For someone who is new to automation, this book provides a good orientation and aid to getting up to speed. Because of its breadth, it's also valuable to those with experience; I've been writing control

software for automated equipment for over 15 years, and I still learned a lot, especially about areas I don't normally deal with such as process automation. It will make an excellent textbook; I can say without reservation that it's better written than the various textbooks I had to survive back in my college days. I do have mixed feelings about the price; maybe I'm getting too old since I think the now-typical price of ~\$50 for soft cover programming books is way too high. If I consider the book as a hardcover textbook, the price is reasonable given what textbooks cost. But even though it's worth it if you're an automation professional, I have a hard time paying this list price out of my own pocket for this book (or any book) -- so try to get a copy for your company library...My rating is Very Good, which translates to about 4.5 stars (so 4 stars would be for Good and 5 stars for Excellent), but since I can't enter that and I'm in a good mood today, I'm rounding up. Note: for those who don't read carefully, let me emphasize again, THIS IS AN OVERVIEW! If you are not interested in an overview, then don't buy it.

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