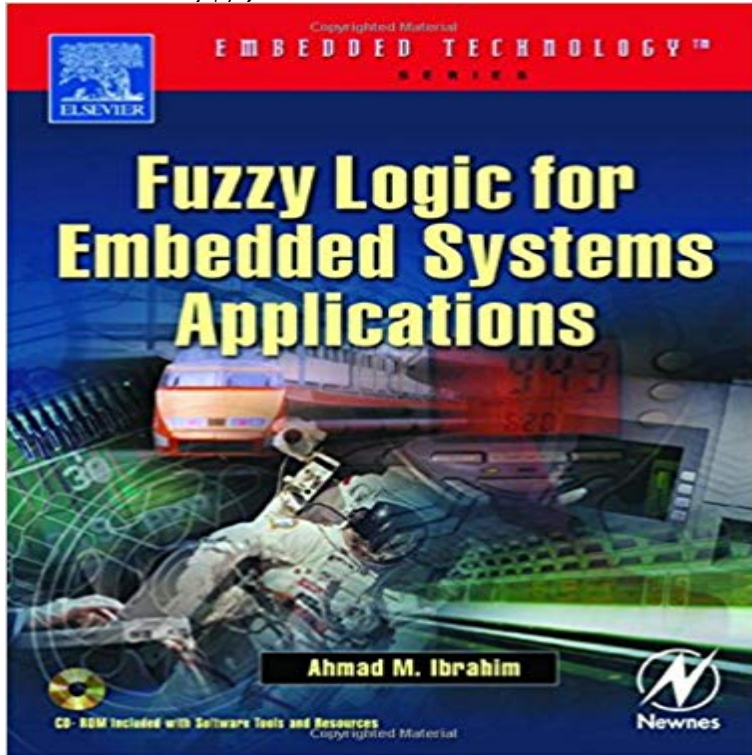


# Fuzzy Logic for Embedded Systems Applications (Embedded Technology)



Fuzzy Logic for Embedded Systems Applications, by a recognized expert in the field, covers all the basic theory relevant to electronics design, with particular emphasis on embedded systems, and shows how the techniques can be applied to shorten design cycles and handle logic problems that are tough to solve using conventional linear techniques. All the latest advances in the field are discussed and practical circuit design examples presented. Fuzzy logic has been found to be particularly suitable for many embedded control applications. The intuitive nature of the fuzzy-based system design saves engineers time and reduces costs by shortening product development cycles and making system maintenance and adjustments easier. Yet despite its wide acceptance and perhaps because of its name, it is still misunderstood and feared by many engineers. There is a need for embedded systems designers, both hardware and software, to get up to speed on the principles and applications of fuzzy logic in order to ascertain when and how to use them appropriately. Fuzzy Logic for Embedded Systems Applications provides practical guidelines for designing electronic circuits and devices for embedded systems using fuzzy-based logic. It covers both theory and applications with design examples.

\* Unified approach to fuzzy electronics from an engineering point of view\* Easy to follow with plenty of examples\* Review and evaluation of free resources

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His research interests include real-time systems, embedded systems, the IEEE Real-Time and Embedded Technology and Applications Symposium, etc. **Improving the Efficiency of Run Time Reconfigurable Devices by** Fuzzy Logic for Embedded Systems Applications (Embedded Technology) [Ahmad Ibrahim] on . \*FREE\* shipping on qualifying offers. **Fuzzy Logic Fuzzy Logic for Embedded Systems Applications -** - Buy Fuzzy Logic for Embedded Systems Applications (Embedded Technology) book online at best prices in India on Amazon.in. 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