Fuzzy Expert Systems for Disease Diagnosis

Part of the Advances in Medical Technologies and Clinical Practice Book Series

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The development of fuzzy expert systems has provided new opportunities for problem solving amidst uncertainties. The medical field, in particular, has benefitted tremendously from advancing fuzzy system technologies.

Fuzzy Expert Systems for Disease Diagnosis highlights the latest research and developments in fuzzy rule-based methods used in the detection of medical complications and illness. Offering emerging solutions and practical applications, this timely publication is designed for use by researchers, academicians, and students, as well as practitioners in the medical field.

Topics Covered:
- Expert systems
- FIX
- Fuzzy Logic
- Fuzzy Numbers
- Fuzzy Sets
- MATLAB
- Rule Generation
- Rule-Based Systems

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