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Fuzzy Logic | Introduction - GeeksforGeeks
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This book provides a broad-ranging, but detailed overview of the basics of Fuzzy Logic. The fundamentals of Fuzzy Logic are discussed in detail, and illustrated with various solved examples. The book also deals with applications of Fuzzy Logic, to help readers more fully understand the concepts involved. Solutions to the problems are programmed using MATLAB 6.0, with simulated results.

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In the process of approximate reasoning, the fuzzy inference is not specific but it is approximate. The fuzzy inference algorithm uses fuzzy IF-THEN rules to map input space X in the output space Y...

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Introduction to Fuzzy Logic using MATLAB: Sivanandam, S.N ...
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Fuzzy sets were introduced by Lotfi Zadeh (1921-2017) in 1965. Unlike crisp sets, a fuzzy set allows partial belonging to a set, that is defined by a degree of membership, denoted by μ , that can take any value from 0 (element does not belong at all in the set) to 1 (element belongs fully to the set).

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