Application of fuzzy logic in engineering problems

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Abstract

In today's fast paced world of increasing and innovative new technology, fuzzy logic is a practical mathematical addition to classic Boolean logic. We can see its applications in many fields of science and engineering. This paper gives a general overview on many such applications to target tracking, pattern recognition, robotics, power systems, controller design, chemical engineering, biomedical engineering, vehicular technology, economy management as well as decision making, communications and networking, electronic engineering, civil engineering, sensor technology, and industry.

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