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<p>...Fuzzy Logic vs Neural Network. Fuzzy Logic belongs to the family of many-valued logic. It focuses on fixed and approximate reasoning opposed to fixed and exact reasoning. A variable in fuzzy logic can take a truth value range between 0 and 1, as opposed to taking true or false in traditional binary sets. Neural networks (NN) or artificial neural networks</p>	<p>(ANN) is a computational model that is developed based on the biological neural networks. Difference Between Fuzzy Logic and Neural Network ...Fuzzy Logic and Neural Networks by Chennakesava R. Alavala(PDF) Fuzzy Logic and Neural Networks by Chennakesava R ...Publisher Summary. This chapter focuses on the basic principles of fuzzy logic. Fuzzy logic is a branch of</p>	<p>machine intelligence that helps computers understand the variations that occur in the uncertain and vague world in which we exist. Fuzzy logic “manipulates” vague concepts such as “warm” or “going fast”, in such a manner that it helps design machines like air conditioners and speed control systems to move or switch from one set of control criteria to another. Basic</p>
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principles of fuzzy logic and neural networks ...Difference between Artificial Neural Networks and Fuzzy Logic Fuzzy logic allows making definite decisions based on imprecise or ambiguous data, whereas ANN tries to incorporate human thinking process to solve problems without mathematical modelling them.COMPARISON OF ARTIFICIAL NEURAL	NETWORKS AND FUZZY LOGIC ...The constituent technologies discussed comprise neural networks, fuzzy logic, genetic algorithms, and a number of hybrid systems which include classes such as neuro-fuzzy, fuzzy-genetic, and...NEURAL NETWORKS, FUZZY LOGIC AND GENETIC ALGORITHM ...Fuzzy logic is largely used to define the weights, from fuzzy sets, in neural networks.	When crisp values are not possible to apply, then fuzzy values are used. We have already studied that training and learning help neural networks perform better in unexpected situations. At that time fuzzy values would be more applicable than crisp values.Fuzziness in Neural Networks - Tutorialspoint The Neural Network and Fuzzy Network system application to Electrical Engineering is
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also presented. This subject is very important and useful for doing Project Work. 4. The main objective of this course is to provide the student with the basic understanding of neural networks and fuzzy logic fundamentals.	Academia.edu The method of evolving optimized fuzzy reasoning tools, neural networks will be discussed with the help of some numerical examples. Two popular neuro-fuzzy systems will be explained and numerical examples will be solved.	Inc. ISBN: 1558515526 Pub Date: 06/01/95 Table of Contents Preface The number of models available in neural network literature is quite large. Very often the treatment is mathematical and complex.
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