B. Tech. Seminar Report on Artificial Neural Networks and It's Applications

ABSTRACT

Artificial Neural networks are parallel computational models comprised of densely interconnected adaptive processing units. A very important feature of these networks is their adaptive nature, where "learning by example" replaces "programming" in solving problems. This feature makes such computational models very appealing in application domains where one has little or incomplete understanding of the problem to be solved but where the training data is easily available. Artificial Neural Networks are viable computational models for a wide variety of problems. These include pattern classification, speech synthesis and recognition, function approximation, image compression, associative memory, forecasting, optimization, nonlinear system modeling, and control. The most wonderful thing is Neural Networks could do certain things which you couldn't reprogrammed computing.

Awarded AB Grade
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