

ANALYSIS OF HYBRID SYSTEM WITH ANN COMPONENT AND CONCEPTUALIZATION OF FEASIBILITY FOR NEURAL EXPERT SYSTEM FOR EVALUATING MOTIVATIONAL STRATEGIES

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ABSTRACT

Combining the two techniques or models has always attracted scientist or researchers to develop the hybrid systems to take the advantage of both the techniques. The paper here presents the literature review of hybrid system developed in different domains where Artificial Neural Network is one of the components. The analysis of literature review suggests that combining the two models/techniques helps you in achieving the more optimize performance which stand-alone component cannot achieve. In the second part of the paper, we explored the concept of hybrid neural expert system. In neural expert system, one component is ANN and second component is rule base expert system. The main objective behind the exploring the concept is that we are interested in developing the system for evaluating motivational strategies on human resources. At the end, the findings are given, which guided us to the first step in conceptualise system for evaluating motivational strategies on human resources. The finding also reveals that MATLAB is the ideal tool for implementing the hybrid system.

KEYWORDS: Hybrid System, Neural Expert System, Artificial Neural Network, Rule Base Expert System