



Diagnosis Penyakit Disklesia Pada Anak Menggunakan Jaringan Saraf Tiruan Perceptron

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Abstract

The designed expert system attempt to input the psychology knowledge from psychology experts, in this case, Dyslexia Illness that suffered by children which saved in a knowledge basic, an expert system helped with perceptron artificial nerves network machine. This application will determine the searching process or conclusion gain from trial and matching process, by itself, the system will repair continuously because it has an ability to learn, for every single new problem, the system can learn from that problem with set over the quality value again and to adjust the value of character on perceptron artificial nerves network. The researcher attempt to produce an expert system to diagnose Dyslexia and results a solution based on information and knowledge gain from competent experts in Dyslexia which has been collected in a knowledge basic. This system will help the parents and educators, in this case Teachers and wide society, in concluding about a kid is dyslexic or not and give an advice about the right medical treatment.

Keywords: Expert System, Artificial Neural Network, Perceptron, Dyslexia, Prototype.