Abstract

The brain is a highly specialized organ. It serves as the control center for functions of the body and allows us to cope with our environment. Based on biological theory of human brain, artificial neural network are models that attempt to parallel and simulate the functionality and decision making processes of human brain. In general neural network is referred to as mathematical models of theorized mind and brain activity. Neural network provide significant benefits in medical research. They are actively being used for detecting characteristics in medical emergency and controlling medical devices. In this paper we review application of ANN to brain images to identify tumors in adult. Here we represent different criterion to improve the result. We also compare the performance of our-algorithm applying to various training algorithm.
Detection of Brain Tumor in Radiographic Images using Neural Network

References

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Index Terms

Computer Science | Emerging Trends in Technology

Keywords

Artificial Neural Network (ann)  Back Propagation  Gray Values  Brain Tumor