Classification of Cancerous Skin using Artificial Neural Network Classifier

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Abstract

Cancer is one of the most hazardous diseases that cause death. However, if detected early this medical condition is not very prohibitive to defeat. The skin cancer is the anomalous growth of skin cells most often promotes on body apparent to the sunlight but can occur anywhere on the body. Skin cancer is the most common type of malignant tumor in both men and women. So, for the detection of cancer, image processing approaches play a paramount role. There are mainly four steps involved in the detection of skin cancer that are: Preprocessing, segmentation, feature extraction, and classification. The Neural network is used to classify images. It is an easy system rather than taking a biopsy from a doctor. The system consumes less time and gets the better result than the ordinary system.

References


Index Terms

Computer Science     Artificial Intelligence

Keywords

Skin Cancer, Feature extraction, Neural Network