ARTICLE

DETECTION OF MELANOMA SKIN CANCER USING HYBRID MACHINE LEARNING TECHNIQUES

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Melanoma skin cancer is accountable for 75% of skin cancer mortality while only afflicting 4% of the population. It is one of the most lethal types of cancer. In this work, machine learning techniques, including Support Vector Machine (SVM) and deep learning techniques using a Convolutional Neural Network (CNN), have been applied to detect melanoma skin cancer in a more precise form. The proposed model has achieved 87.14% and 88.39% accuracy using SVM and CNN, respectively.