Abstract

This paper deals with various utilities of support vector machine in the field of dermatology, especially in skin disease detection. Skin diseases have common to everyone, different types of allergies are becoming more common. Many of these diseases are very dangerous, particularly if not treated at an early stage. The main problem with these diseases is the separation of affected skin from normal skin. Modern medicine is looking for solution which could help the doctors with any aspect of work using the new technology. One of the common approaches used in this area is Support Vector Machine. There are so many diseases that have got the solution using SVM such as automatic detection of ringworm, skin cancers.

References

Comparative Analysis and Automatic Detection of Various Skin Diseases and Implementation of Leucoderma using Support Vector Machine

Network. 10:989-999.
- Piotr Szczepaniak, Obliczenia inteligentne, szybkie przekształcenia, i klasyfikatory. 2004 Akademicka Oficyna Wydawnicza EXIT, Warszawa, PL.

Index Terms

Computer Science Pattern Recognition
Keywords
Dermatology  Support Vector Machine  Leucoderma