Abstract

In the present paper, a Skin pemphigus diseases image detection method color based segmentation and morphological operation is proposed. Three Stages proposed: First stage: the color based segmentation takes in only one color spaces HSV, instead of three color spaces, Second stage the morphological operations with their analysis While third stage contain Extraction of connected components Skin image edge detection and a template matching. For each stage a novel algorithm which combines pixel and region based color segmentation techniques is used. Algorithm for skin segmentation of color image sequences. The experimental results for Skin pemphigus diseases image detector confirm the effectiveness of the proposed algorithm.

References

Extraction of connected components Skin pemphigus diseases image edge detection by Morphological operations

- Mr. Salem Saleh Al-amr1, Dr. N. V. Kalyankar2 and Dr. Khamitkar S. D, 2010, "Image Segmentation By Using Edge Detection.", (IJCSE) International Journal on Computer Science and Engineering, Vol. 02, No. 03.

Index Terms

Computer Science
Pattern Recognition
**Keywords**

Skin Image Detection  Image Color  Morphology Operations  Hsv Color Space  Connected Components  
Opening  Dilation  
Template Matching