

Digital Image Processing

Lab Final

13 June 2017

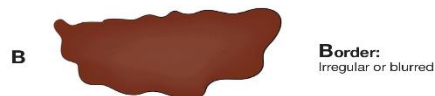
Task:

Dermoscopy imaging is used for analysis of skin lesions. There are three major types: Atypical Nevus, Common Nevus and Melanoma. The basic properties that can be used to differentiate the aforementioned three types are **ABCD**:

Asymmetry: Asymmetric in one or two axis.



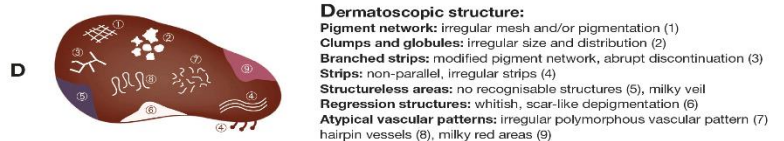
Border: Irregular or blurred



Color: Differently colored pigmentation



Dermatoscopic structure.



However, these are not the only properties that can be used to differentiate the three major types.

Your job is to write a code that is able to successfully differentiate the different types with good accuracy.

The dataset to be used is PH2.