

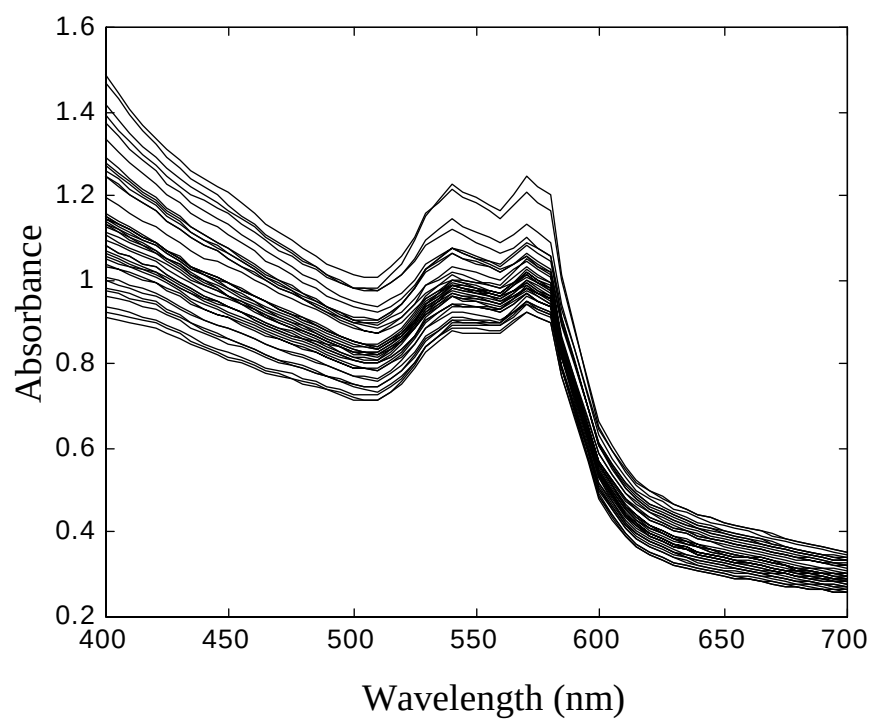


Fig. 1 Forty examples of the estimated spectral absorbances.

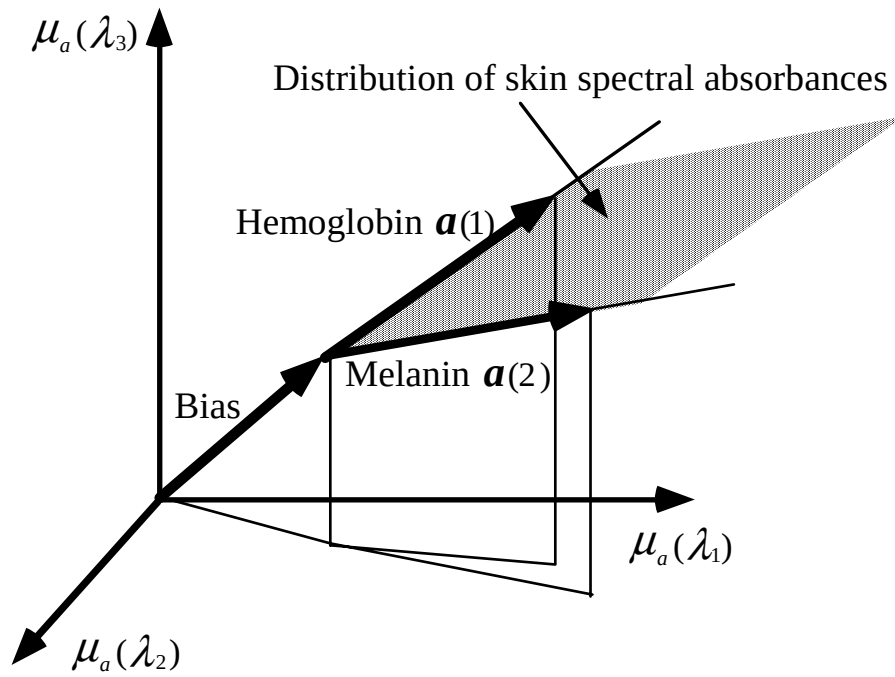


Fig. 2 Model of spectral absorbance in human skin.

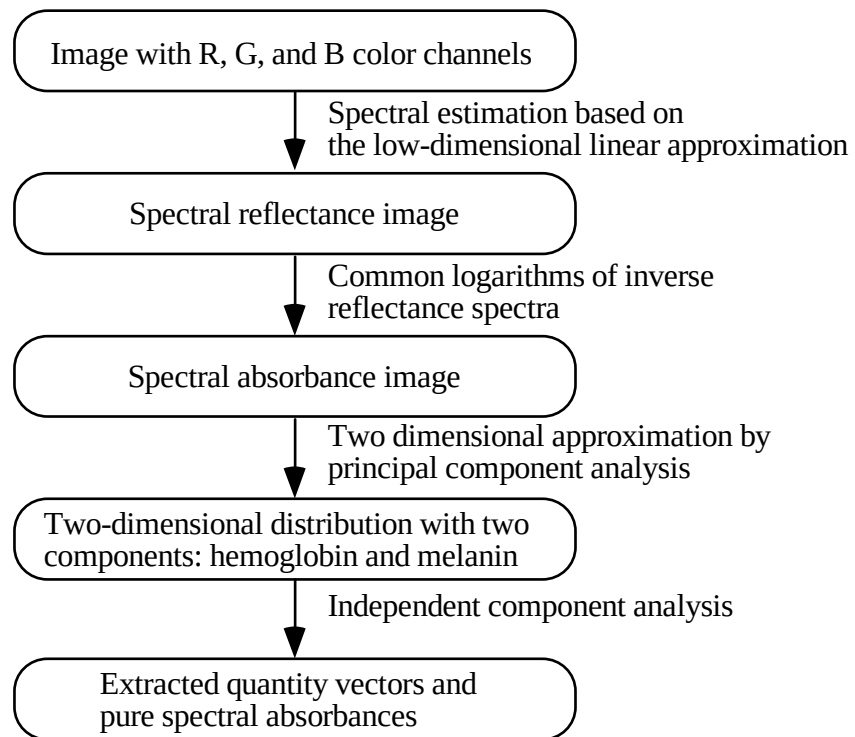
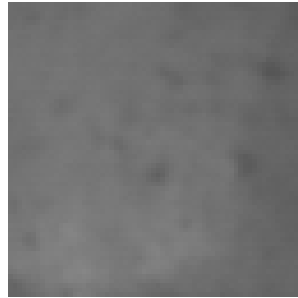
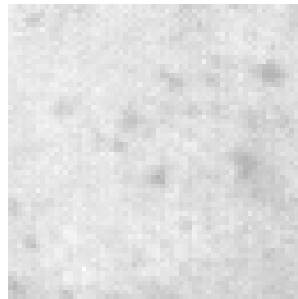


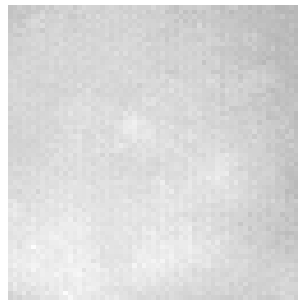
Fig. 3 Flowchart for the analysis of the human skin image.



(a)



(b)



(c)

Fig. 4 Separation of skin image (a) skin color image with 64 x 64 pixels, images of color densities for the (b) first and (c) second independent components.

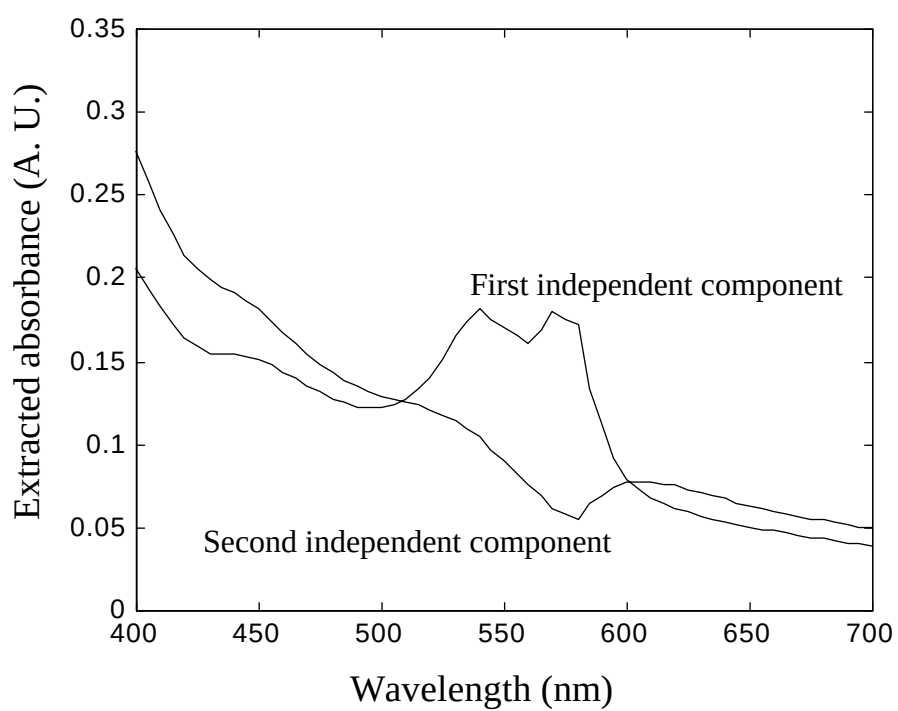


Fig. 5 Extracted pure spectral absorbances.

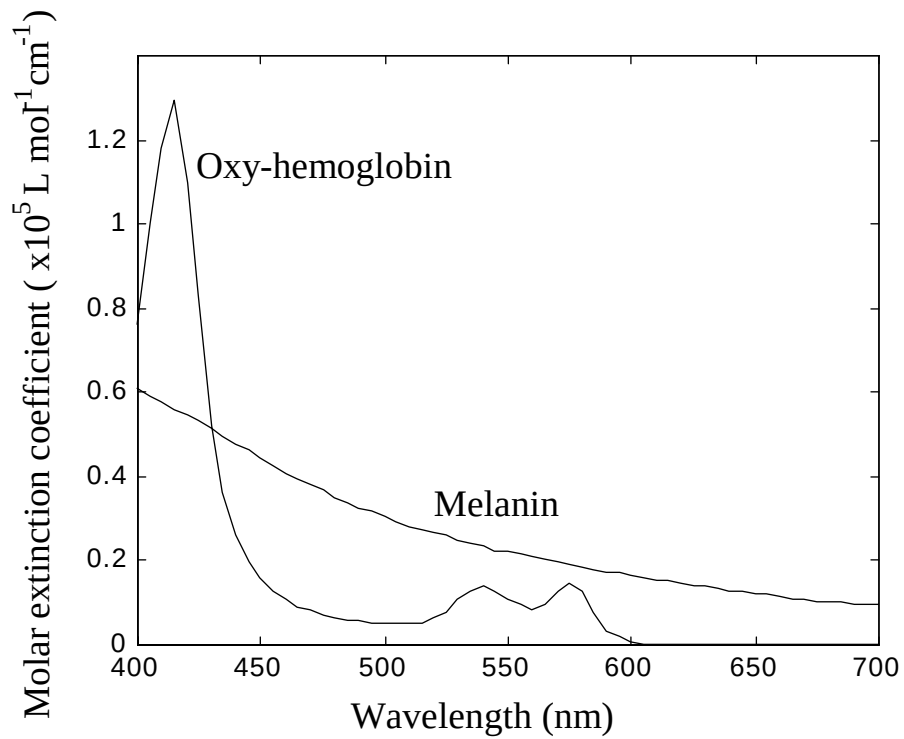


Fig. 6 Absorption characteristics of hemoglobin and melanin which in vitro(Ref. 6).