# Abstract

From a long time ago at Java, there is a myth that declared that if two person have resembling faces so two person must be married. Resembling faces in here just people perception based on outside apperance without use a persistent and clear method for evaluate the resembling faces that based on a certain limited. Besides that, anthropologist Claude Levi-Strauss said on his book "Mitos dan Makna" that a myths actually have a logic and difficult that can be solved by modern science. So it's needed a method that examine the truth couple myth basaed on resembling features faces.

Image Processing can be used to find the resembling face. Image Processing used facial feature extraction to find fiducial point of face like brow, eyes, mouthand nose. That feature will be detection and extraction to be enter to SPSS. In SPSS, with "uji regresi berganda" will be know what feature of face that have influence with couple myth. After this will be knew that married haven't collated.

**Keywords**: image processing, integral projection, feature, SPSS, uji regresi berganda