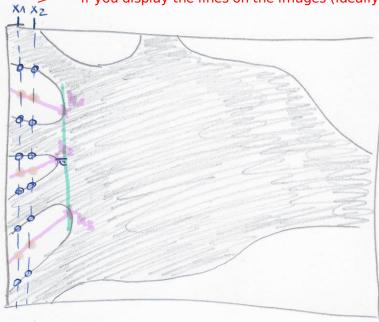
Palmprint_Alignment

Try different values for x1 and x2; it's easier to pick good ones if you display the lines on the images (ideally all of them).



1) draw the largest contour (you need to search for it) 2) Trace the boundary of the holes between the fingers

a) define close x-values (x, bx2) b) run along the whole height of the image and check, if x hits a contour -> Find 6 contour-hits

The contour can be larger/thicher than Apitel c) define the middle points of the holes

d) define straight line that connects the middle-points in each hole

e) define un, uz, uz -> intersection points of straight lines with hole contour

f) connect he and his with aline -> y-axis g) draw a line from 1/2, that hits the y-axis (90°)

- g) > to hit a line perpendicular, your slope needs to be the negative inverse of the line's slope
- h) line from hz to intersection = x-axis
- i) rotate the image around the new defined coordinate system
 LD intersection = new centre

