

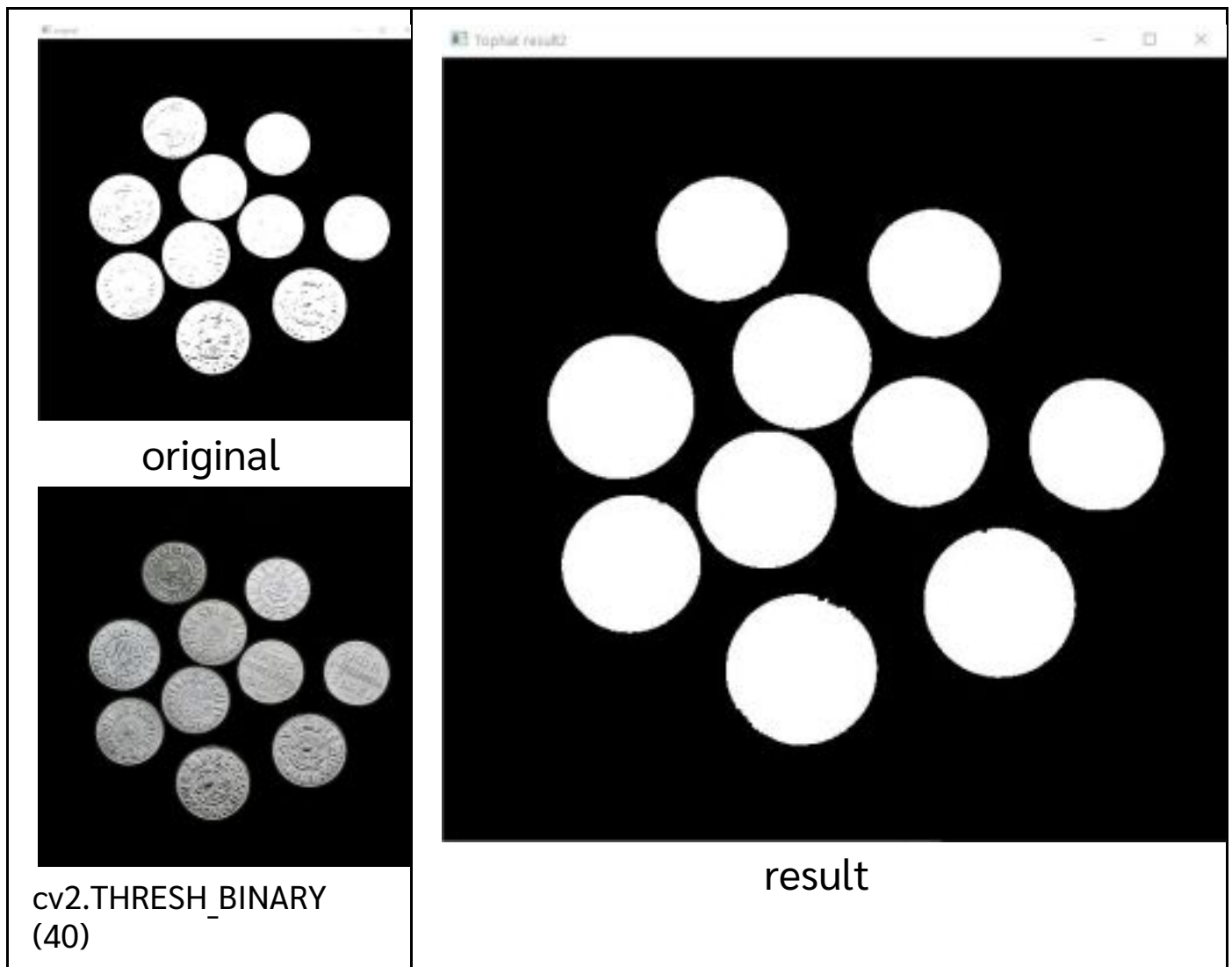
Assignment #4

Computer Vision 2021

1. Apply *Morphological Gradient* with “*house.tif*” and show the image results. (threshold_BINARY = 100 , iterations = 1,)

No.	Kernel size
1.	3x3
2.	5x5
3.	7x7
4.	9x9

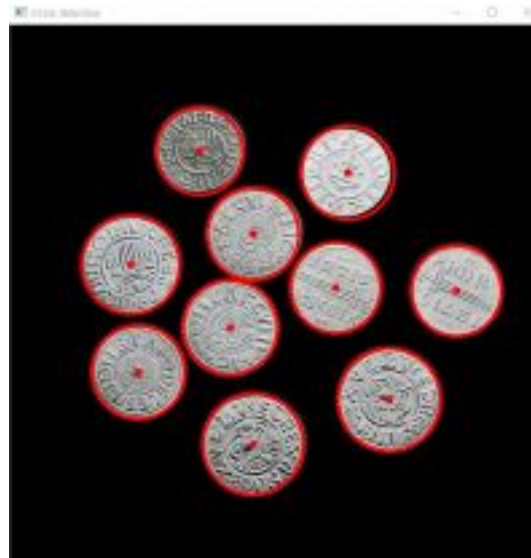
2. Apply *Morphological opening and closing* with (coins.jpg)



3. Apply Hough Circle to show this result. (“coins.jpg”)

thickness = 3 , red color , show all parameter of Houghcircles

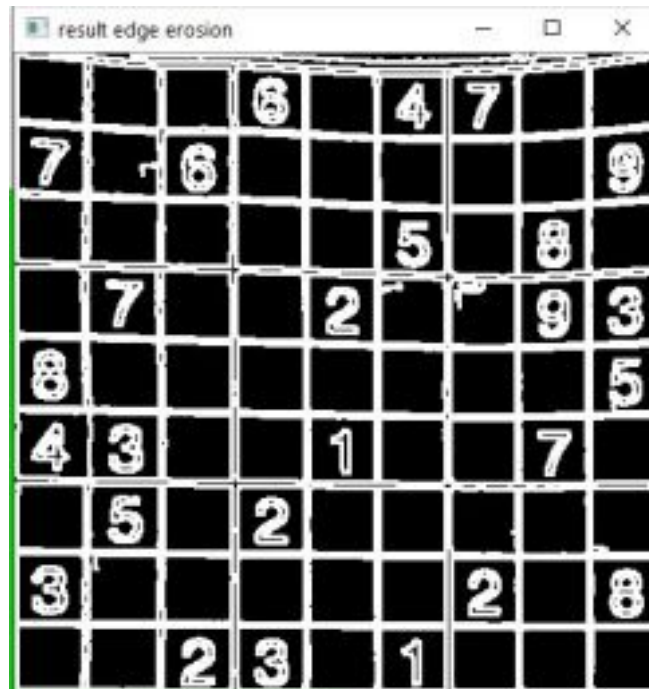




4. Show the result of all techniques with “[sudoku.jpg](#)”



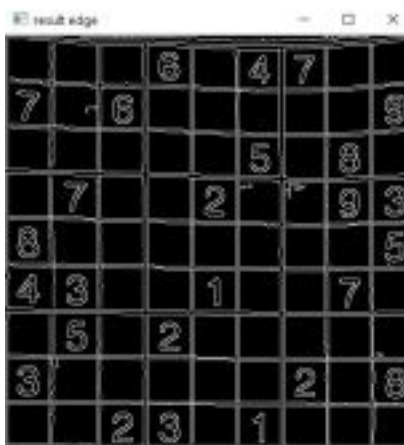
original



Morphological (closing)



Perspective



Canny Edge



Hough Line (Final result)