

ECE 1390/2390







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- Define the flood priority from region into neighbors based on the gradient of the image
- Flood the lowest priority neighbor (lowest gradient)

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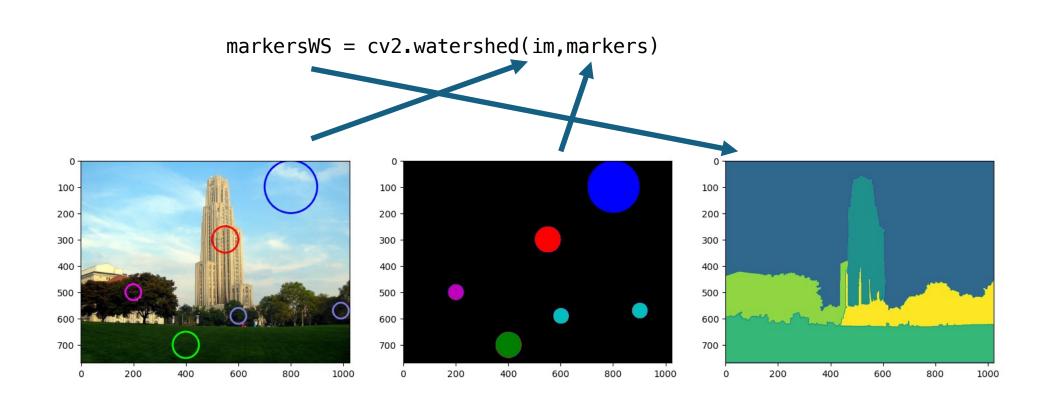
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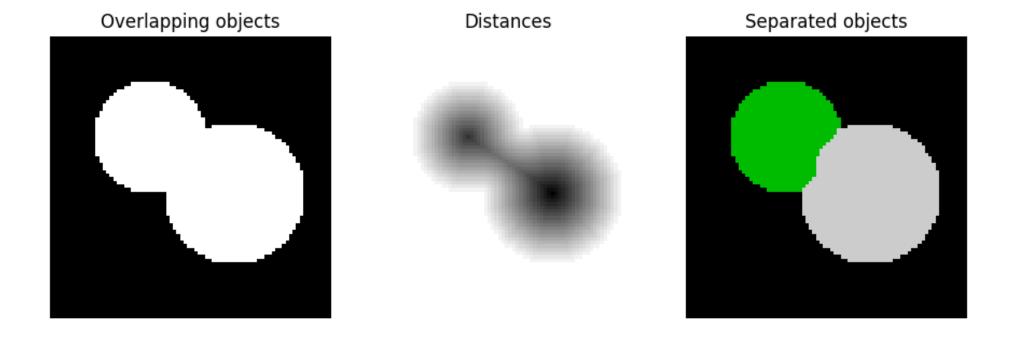
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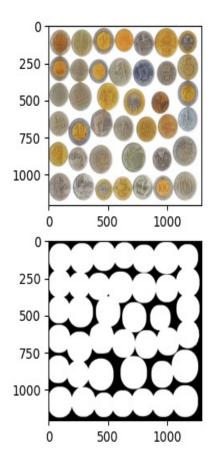
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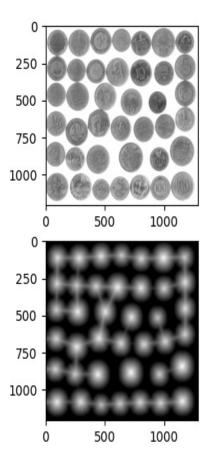
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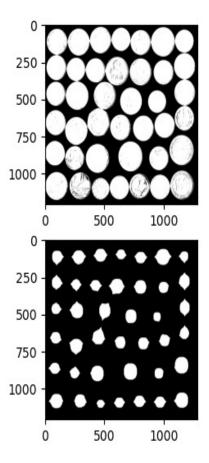


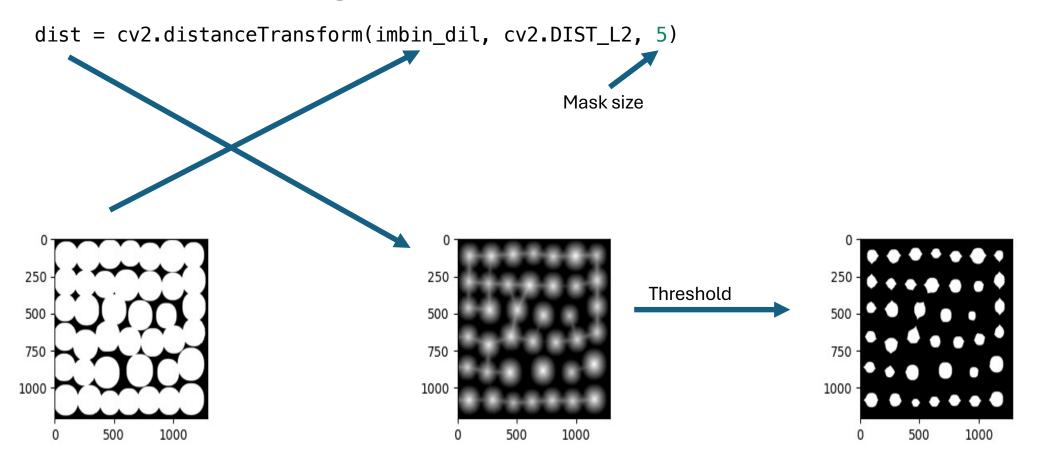
### Watershed by topographic distance



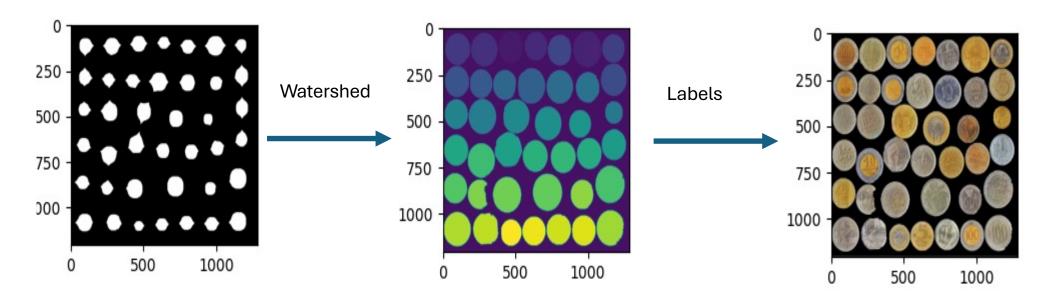


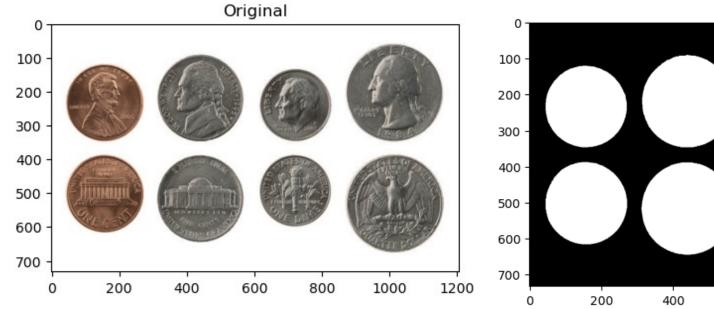


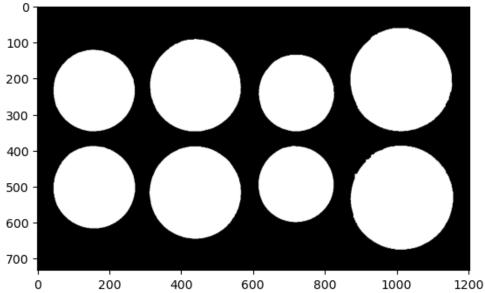




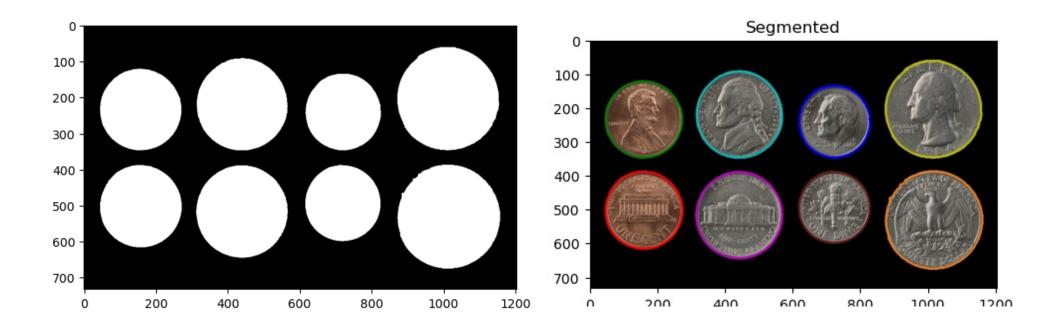
\_\_,markers = cv2.connectedComponents(coin\_centers)

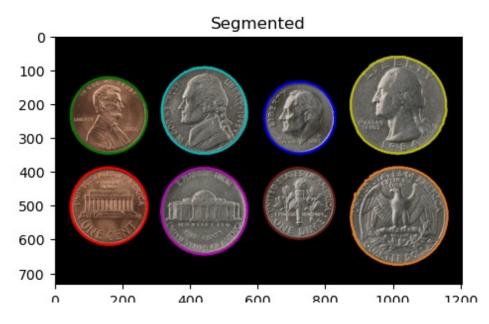




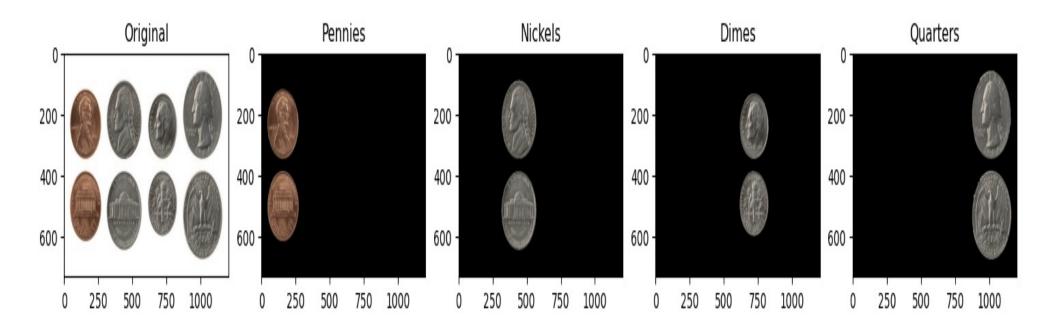


contours, hierarchy = cv2.findContours(thres, cv2.RETR\_LIST, cv2.CHAIN\_APPROX\_SIMPLE)





\_,label,center=cv2.kmeans(area,4,None,criteria,10,cv2.KMEANS\_RANDOM\_CENTERS)



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