# 机器视觉第六次作业

## 190320301艾煜博-自动化3班

1. read\_image(Image,'C:/Users/sylyb/Desktop/homework2.png')
3. count\_channels (Image,Channels)
4. dev\_set\_draw('fill')
5. gen\_circle (ROI\_0,237.0,320.0,85.0)
7. reduce\_domain(Image,ROI\_0,ImageReduced)
8. threshold(ImageReduced,Regions,0,100)
10. erosion\_circle (Regions,Region,4)
11. dilation\_circle (Region,Region,4)
13. connection (Region,ConnectedRegions)
15. dev\_set\_color('blue')
17. gen\_contour\_region\_xld (ConnectedRegions,Contours,'border')
19. fit\_circle\_contour\_xld(Contours,'algebraic',-1,0,0,3,2,Row,Column,Radius,startPhi,EndPhi,PointOrder)
21. gen\_circle (circle,Row,Column,Radius)

## 效果图













