

### Part A: Detecting Circles in an Image

1. Load Image (folder “images”).
2. Isolate objects with a circular shape.
3. Draw red circles at the centers of these isolated objects and draw green circles around these isolated objects.
4. Visualize the result.



### Part B: Detecting Lines and Line-Intersections in an Image

1. Load image (folder “images”).
2. Isolate object contours resembling a straight line.
3. Draw a green line across the image along each of these isolated contours.
4. Calculate the intersection points between each line.
5. Draw a small red circle around each of these intersection points.
6. Visualize the result.

