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EECS 101

1/29/2017

HW 3

Written Problem

8 8 14 10 11

12 9 12 10 10

12 10 12 12 8

14 11 8 9 11

Region 1

8 8 10

9 10 10

10 8

8 9

Step Process for Region 1

Step 1

N = 1: 8

Step 2

N = 2: 8, 8,

Step 3

N = 3: 8, 8, 9

Step 4

N = 4: 8, 8, 9, 10

Step 5

N = 5: 8, 8, 9, 10, 8

Step 6

N = 6: 8, 8, 9, 10, 8, 9

Step 7

N = 7: 8, 8, 9, 10, 8, 9, 8

Step 8

N = 8: 8, 8, 9, 10, 8, 9, 8, 10

Step 9

N = 9: 8, 8, 9, 10, 8, 9, 8, 10, 10,

Step 10

N = 10: 8, 8, 9, 10, 8, 9, 8, 10, 10, 10

Step 11

N = 11: 8, 8, 9, 10, 8, 9, 8, 10, 10, 10, 11

Computer Problem

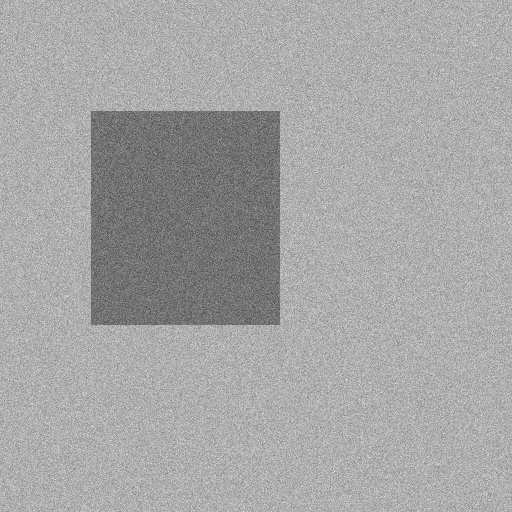


Figure 1: image1.ras

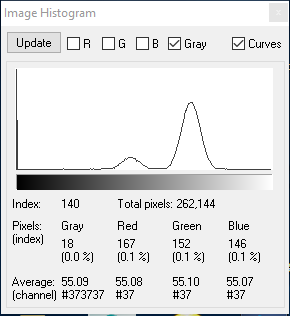


Figure 2: image1.ras histogram

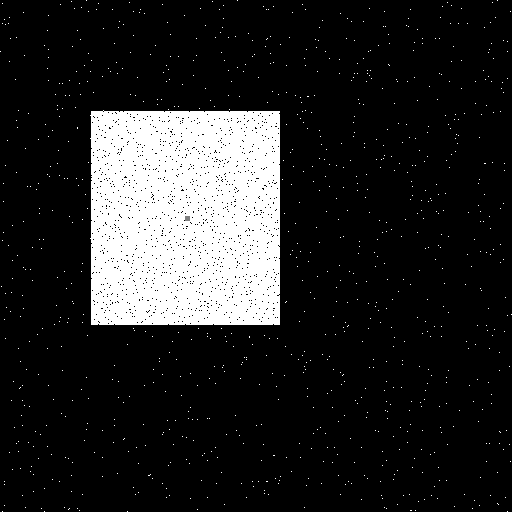


Figure 3: image1.ras binary image with object center

Threshold: 167

Area: 40082

Center Coordinate: (187, 218)

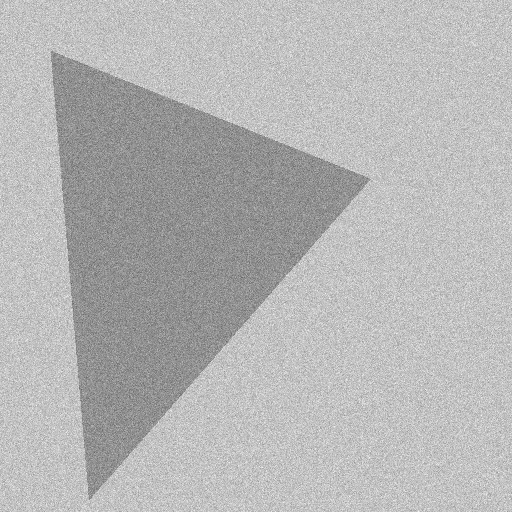


Figure 4: image2.ras

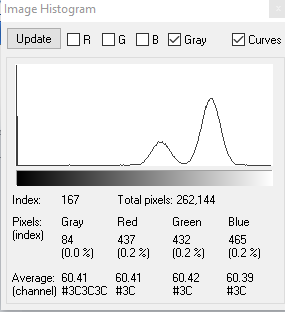


Figure 5: image2.ras histogram

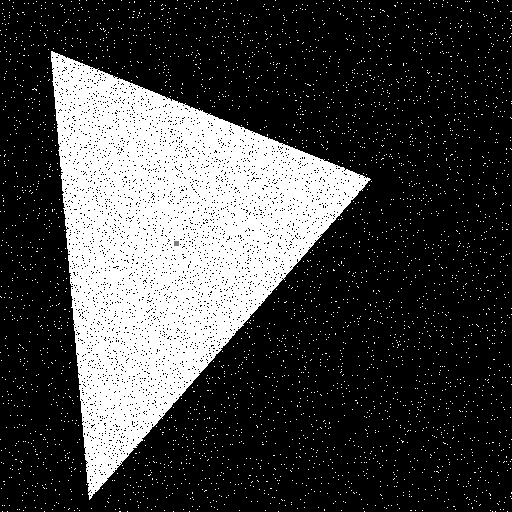


Figure 6: image2.ras binary image with object center

Threshold: 140

Area: 69668

Center Coordinate: (176, 243)

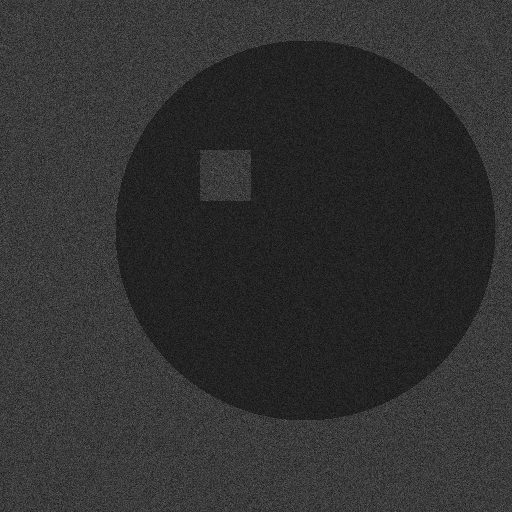


Figure 7: image3.ras

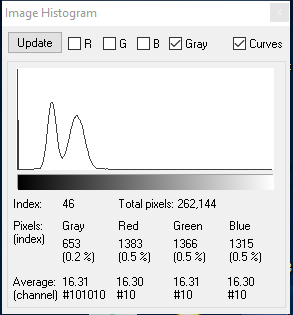


Figure 8: image3.ras histogram

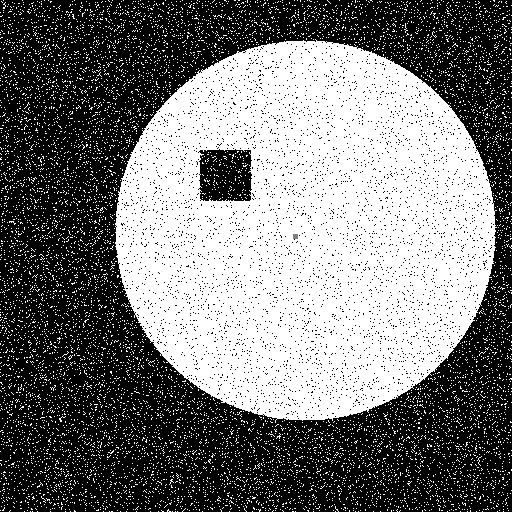


Figure 9: image3.ras binary image with object center

Threshold: 46

Area: 121486

Center Coordinate: (295, 236)

