Testen om tresholdpixel oppervlakte te bepalen bij grote hoogte.

**In het rood: figuren die foutief herkent zijn als circles.In het blauw cirkels die correct herkend zijn.**

B111(grote hoogte):

contourArea:1123.0

Center:x:692.3018867924528y:533.1320754716982diff/approx:7.505061088832413

Area too low!

contourArea:219.0

Center:x:6.222222222222222y:500.25diff/approx:27.38274047165116

Area too low!

contourArea:169.5

Center:x:791.2173913043479y:306.4782608695652diff/approx:36.77730946891358

contourArea:1168.0

Center:x:576.4150943396227y:294.24528301886795diff/approx:2.4668963444129153

Circle

contourArea:1017.0

Center:x:114.39393939393939y:275.1818181818182diff/approx:6.092339274219574

Circle

contourArea:1384.0

Center:x:690.6y:72.48diff/approx:14.997833064417097

contourArea:1030.5

Center:x:466.9807692307692y:69.01923076923077diff/approx:10.482135865865823

contourArea:1040.0

Center:x:239.96666666666667y:64.5diff/approx:1.1101842673658076

Circle

contourArea:904.5

Center:x:25.466666666666665y:57.6diff/approx:6.212915433838599

Circle

B110(grote hoogte):

contourArea:1110.0

Center:x:199.5686274509804y:546.0diff/approx:1.6441295924499886

Circle

contourArea:426.5

Center:x:780.9571428571429y:462.1142857142857diff/approx:38.13797570070822

Area too low!

contourArea:977.5

Center:x:351.2037037037037y:356.6111111111111diff/approx:7.720587569399442

contourArea:1024.5

Center:x:136.01960784313727y:300.3921568627451diff/approx:1.507315504511471

Circle

contourArea:1006.0

Center:x:716.2083333333334y:219.95833333333334diff/approx:5.349196646736009

Circle

contourArea:968.0

Center:x:496.62264150943395y:175.9245283018868diff/approx:1.6323081936149977

Circle

contourArea:933.5

Center:x:291.1896551724138y:120.82758620689656diff/approx:4.350199903816745

Circle

contourArea:1125.5

Center:x:80.77173913043478y:64.18478260869566diff/approx:8.95938554744328

contourArea:367.5

Center:x:645.9666666666667y:15.45diff/approx:25.617467553182795

B106:

contourArea:467.5

Center:x:240.04545454545453y:578.8939393939394diff/approx:34.05684269366523

Area too low!

contourArea:279.5

Center:x:7.170731707317073y:484.9268292682927diff/approx:57.80305814791206

contourArea:1275.0

Center:x:423.1969696969697y:399.04545454545456diff/approx:15.003968404117103

contourArea:1300.0

Center:x:191.17142857142858y:312.2857142857143diff/approx:1.3054495726503228

Circle

contourArea:1276.0

Center:x:601.6071428571429y:211.25diff/approx:0.5384954249164527

Circle

contourArea:791.0

Center:x:375.7175572519084y:128.45038167938932diff/approx:14.703355317630496

contourArea:1413.5

Center:x:148.87254901960785y:41.85294117647059diff/approx:12.503478238275797

contourArea:621.5

Center:x:775.7156862745098y:38.30392156862745diff/approx:16.116022125738493

B107:

contourArea:1614.5

Center:x:663.7361111111111y:569.6527777777778diff/approx:1.0026873978577167

Circle

contourArea:1352.5

Center:x:416.46774193548384y:503.01612903225805diff/approx:15.295411631684482

contourArea:1421.0

Center:x:164.21212121212122y:439.3939393939394diff/approx:5.306532285566697

Circle

contourArea:1246.5

Center:x:589.3157894736842y:298.280701754386diff/approx:18.340992813965947

contourArea:1288.5

Center:x:341.89473684210526y:233.47368421052633diff/approx:1.6396726280007583

Circle

contourArea:1090.0

Center:x:111.09375y:149.6875diff/approx:11.761241298303625

contourArea:1505.5

Center:x:749.1343283582089y:102.49253731343283diff/approx:21.57271999527719

contourArea:1517.0

Center:x:516.0y:38.925925925925924diff/approx:21.966975308474915

Area too low!

B108(slechte contours):

contourArea:265.0

Center:x:229.0y:554.1166666666667diff/approx:16.9952982462206

contourArea:141.0

Center:x:23.612903225806452y:432.4193548387097diff/approx:14.539125426518103

contourArea:280.0

Center:x:431.6046511627907y:364.8837209302326diff/approx:34.99346696420411

contourArea:1269.5

Center:x:204.328125y:263.328125diff/approx:0.2019373332413987

Circle

**contourArea:660.0**

**Center:x:609.8468468468468y:217.07207207207207diff/approx:9.216318244027105**

**contourArea:308.0**

* **Zou een problem blijven geven bij aanpassen van de oppervlakte.**

Center:x:10.694915254237289y:164.11864406779662diff/approx:34.11550481108499

Area too low!

contourArea:446.0

Center:x:191.37313432835822y:28.567164179104477diff/approx:27.912367430892946

B109 (grote hoogte):

contourArea:1196.5

Center:x:355.47058823529414y:538.4509803921569diff/approx:10.81057293710727

Area too low!

contourArea:182.0

Center:x:688.3939393939394y:323.57575757575756diff/approx:18.631821200882168

contourArea:1094.5

Center:x:471.5090909090909y:327.1090909090909diff/approx:1.8635470243369483

Circle

contourArea:1055.5

Center:x:243.12727272727273y:308.2diff/approx:1.171697856372375

Circle

contourArea:982.0

Center:x:19.833333333333332y:301.6666666666667diff/approx:10.868429493052915

**contourArea:1017.5**

**Center:x:589.18y:110.1diff/approx:3.907175967965967**

**Circle**

contourArea:427.0

Center:x:364.27906976744185y:96.44186046511628diff/approx:8.662189682722255

contourArea:980.0

Center:x:147.87037037037038y:93.98148148148148diff/approx:9.618446702106782

🡪Conclusie bij een pixeloppervlakte kleiner dan 1150 wordt de threshold aangepast naar 3.