

PyImageSearch Gurus Course

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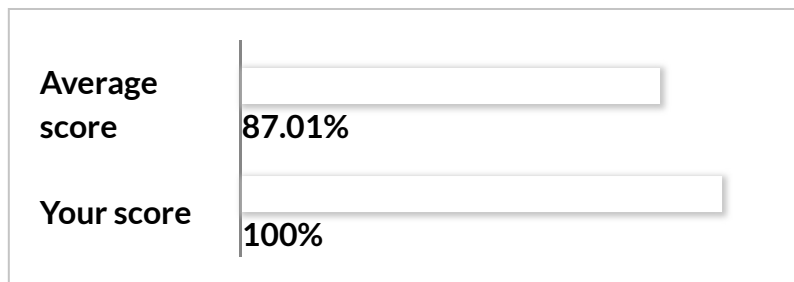
Advanced Contour Properties Quiz

Results

5 of 5 questions answered correctly

Your time: 00:01:26

You have reached 5 of 5 points, (100%)



Click Here to Continue (https://gurus.pyimagesearch.com/topic/advanced-contour-properties/?quiz_type=lesson&quiz_redirect=1&lesson_id=986&quiz_id=1694)

Restart quiz

View questions

1. Question

For this quiz, you'll need to download the following image: <http://pyimg.co/zua9t> (<http://pyimg.co/zua9t>).

Then use advanced contour properties to answer "What is the **aspect ratio** of the circle?"

- ☐ 2.7
- ☒ 1.0
- ☐ 3.3

Correct

2. Question

What is the **aspect ratio** of the orange rectangle?

- ☐ 2.7
- ☐ 1.0
- ☒ 3.3

Correct

3. Question

What is the **solidity** of the arrow?

- ☒ 0.78
- ☐ 0.9
- ☐ 1.0

Correct

4. Question

What about the **extent** of the purple arrow?

- ☐ 0.77

Feedback



☐ 0.97

☒ 0.48

Correct

5. Question

The convex hull of a shape is:

☐ The ratio of an contour's width to its height.

☒ **The smallest possible convex set of points that fully contains a given shape.**

☐ The ratio of the shape area to the bounding box area.

Correct

Course Progress

Ready to continue the course?

Click the button below to **continue your journey to computer vision guru**.

[I'm ready, let's go! \(/pyimagesearch-gurus-course/\)](/pyimagesearch-gurus-course/)

Resources & Links

- [PyImageSearch Gurus Community \(https://community.pyimagesearch.com/\)](https://community.pyimagesearch.com/)
- [PyImageSearch Virtual Machine \(https://gurus.pyimagesearch.com/pyimagesearch-virtual-machine/\)](https://gurus.pyimagesearch.com/pyimagesearch-virtual-machine/)
- [Setting up your own Python + OpenCV environment \(https://gurus.pyimagesearch.com/setting-up-your-python-opencv-development-environment/\)](https://gurus.pyimagesearch.com/setting-up-your-python-opencv-development-environment/)
- [Course Syllabus & Content Release Schedule \(https://gurus.pyimagesearch.com/course-syllabus-content-release-schedule/\)](https://gurus.pyimagesearch.com/course-syllabus-content-release-schedule/)
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- [Your Achievements \(https://gurus.pyimagesearch.com/achievements/\)](https://gurus.pyimagesearch.com/achievements/)
- [Official OpenCV documentation \(http://docs.opencv.org/index.html\)](http://docs.opencv.org/index.html)



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Feedback

