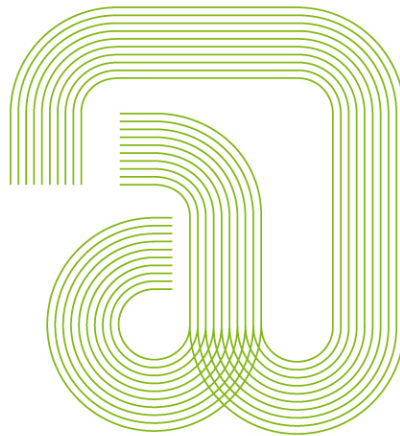


Universidade de Vigo

## Computer Vision 2 - Lab-Sessions



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## 1. Symmetry

**Objectives:** Try to implement your one version to detect reflective symmetry in a single shape.

1. Generate or search for a small base of binary images containing only one shape.
2. Generate transformed images that contain only either the shape boundary or the shape skeleton.
3. Find center points of the shapes (centroid, center of mass, center of min-circle, or-what-so-ever).
4. Try to estimate a reflection line through the center. You can use any software you develop by yourself or any software you are able to find and to apply to the problem.
5. Run experiments on your benchmark suite.
6. Summarize your results in a python notebook.