







Outline

- Geometry based approaches
- Geometry/descriptor based approaches
- Descriptor based approaches



























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Discussion

Pros:

- A continuous measure of symmetry
- Generalizes to 3D
- Addresses the correspondence issue

Con:

• Evaluates each symmetry type independently

Continuous Measure of Symmetry	Yes
Evaluates All Symmetries	No
3D	Yes















Summary

- Use shape descriptors for efficiency and simplicity
- Generalize fast sub-string matching to FFT
- Extend FFT to FST

	Sub-String	Symmetry Distance	PCA	FFT	FST
Continuous Measure of Symmetry	No	Yes	Yes	Yes	Yes
Identifies all Symmetries	Yes	No	No	Yes	Yes
3D	No	Yes	Yes	No	Yes