# Symmetry Detection in Images Using Graph Matching Algorithms

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#### Overview

- 1 Introduction
  - What is Symmetry?
  - Breaking down the Problem Statement
- 2 Literature Survey
- 3 Implementation
- 4 Conclusion and Future Work

### What is Symmetry?

■ Not the axis of symmetry

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- Not the axis of symmetry
- Redundancy or recurrence

### What is Symmetry?

- Not the axis of symmetry
- Redundancy or recurrence
- Possible applications
  - Image Compression
  - Pattern Recognition
  - Shape Completion
  - Noise Removal

#### References



Jacques Cremer, Patrick Rey, Jean Tirole Connectivity in the Commercial Internet Conference on Competition and Innovation in Personal Computer Industry, San Diego, 24 April 1999

■ Wikipedia pages for *Cournot* and *Bertrand* competition

# Thank You