

The figure displays a 3x3 grid of 9 diagrams, each representing a different configuration of a four-node system. Each diagram consists of four nodes arranged in a 2x2 square, with directed edges connecting them. The configurations are as follows:

- Top-left:** Top nodes: left points right, right points left. Bottom nodes: left points right, right points left. Edges: top-left to top-right, top-right to top-left, bottom-left to bottom-right, bottom-right to bottom-left.
- Top-middle:** Top nodes: left points left, right points right. Bottom nodes: left points left, right points right. Edges: top-left to top-left, top-right to top-right, bottom-left to bottom-left, bottom-right to bottom-right.
- Top-right:** Top nodes: left points right, right points left. Bottom nodes: left points left, right points right. Edges: top-left to top-right, top-right to top-left, bottom-left to bottom-left, bottom-right to bottom-right.
- Middle-left:** Top nodes: left points right, right points right. Bottom nodes: left points left, right points left. Edges: top-left to top-right, top-right to top-right, bottom-left to bottom-left, bottom-right to bottom-left.
- Middle-middle:** Top nodes: left points left, right points right. Bottom nodes: left points left, right points right. Edges: top-left to top-left, top-right to top-right, bottom-left to bottom-left, bottom-right to bottom-right.
- Middle-right:** Top nodes: left points left, right points right. Bottom nodes: left points right, right points left. Edges: top-left to top-left, top-right to top-right, bottom-left to bottom-right, bottom-right to bottom-left.
- Bottom-left:** Top nodes: left points left, right points right. Bottom nodes: left points left, right points left. Edges: top-left to top-left, top-right to top-right, bottom-left to bottom-left, bottom-right to bottom-left.
- Bottom-middle:** Top nodes: left points left, right points left. Bottom nodes: left points right, right points right. Edges: top-left to top-left, top-right to top-left, bottom-left to bottom-right, bottom-right to bottom-right.
- Bottom-right:** Top nodes: left points right, right points left. Bottom nodes: left points right, right points right. Edges: top-left to top-right, top-right to top-left, bottom-left to bottom-right, bottom-right to bottom-right.