



The figure displays a 3x3 grid of 9 diagrams, each representing a 2x2 arrangement of four vertices (corners) connected by lines with arrows. The arrows indicate a flow pattern that varies between the diagrams. The diagrams are arranged in a 3x3 grid with thick black lines separating the cells.

The flow patterns for the 9 diagrams (row by row, left to right) are as follows:

- Top Row:**
 - Diagram 1: Top-left to top-right, top-right to bottom-right, bottom-right to bottom-left, bottom-left to top-left (clockwise).
 - Diagram 2: Top-right to top-left, top-left to bottom-left, bottom-left to bottom-right, bottom-right to top-right (counter-clockwise).
 - Diagram 3: Top-left to top-right, top-right to bottom-right, bottom-right to bottom-left, bottom-left to top-left (clockwise).
- Middle Row:**
 - Diagram 4: Top-left to top-right, top-right to bottom-right, bottom-right to bottom-left, bottom-left to top-left (clockwise).
 - Diagram 5: Top-right to top-left, top-left to bottom-left, bottom-left to bottom-right, bottom-right to top-right (counter-clockwise).
 - Diagram 6: Top-left to top-right, top-right to bottom-right, bottom-right to bottom-left, bottom-left to top-left (clockwise).
- Bottom Row:**
 - Diagram 7: Top-left to top-right, top-right to bottom-right, bottom-right to bottom-left, bottom-left to top-left (clockwise).
 - Diagram 8: Top-right to top-left, top-left to bottom-left, bottom-left to bottom-right, bottom-right to top-right (counter-clockwise).
 - Diagram 9: Top-left to top-right, top-right to bottom-right, bottom-right to bottom-left, bottom-left to top-left (clockwise).