

The figure displays a 3x3 grid of 9 diagrams, each representing a different configuration of a 2x2 arrangement of vertices. Each vertex is labeled with an arrow indicating a direction. The diagrams are arranged in a 3x3 grid, with each diagram occupying one of the 9 cells. The arrows on the vertices are labeled with symbols:  $\wedge$  (up),  $\vee$  (down),  $\rightarrow$  (right), and  $\leftarrow$  (left). The diagrams show various combinations of these arrows, representing different states or configurations of the system.