

A directed graph representing a Boolean network with 40 nodes, numbered 1 to 40. The nodes are plotted on a 2D coordinate system with x and y axes ranging from -4 to 4. The edges are blue arrows indicating the direction of the network's flow. The graph shows a complex, interconnected structure with several cycles and paths. Key features include a large cycle involving nodes 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, and 40. There are also several smaller cycles and paths, such as the cycle involving nodes 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, and 40. The graph is a complex, interconnected structure with several cycles and paths.

