

A network diagram illustrating a graph structure. The nodes are represented by 15 circular icons: 10 gold coins with a star, 3 Bowser Jr. characters, 1 Mario character, and 1 Peach character. The connections are shown as dashed lines forming a complex web. The graph is connected, with paths existing between all pairs of nodes. For example, Mario is connected to a coin, which is connected to another coin, which is connected to a Bowser Jr. character, which is connected to a coin, which is connected to Peach. The graph has a minimum degree of 2 for most nodes, with Mario and Peach having a degree of 2, and the Bowser Jr. characters having a degree of 2 or 3.