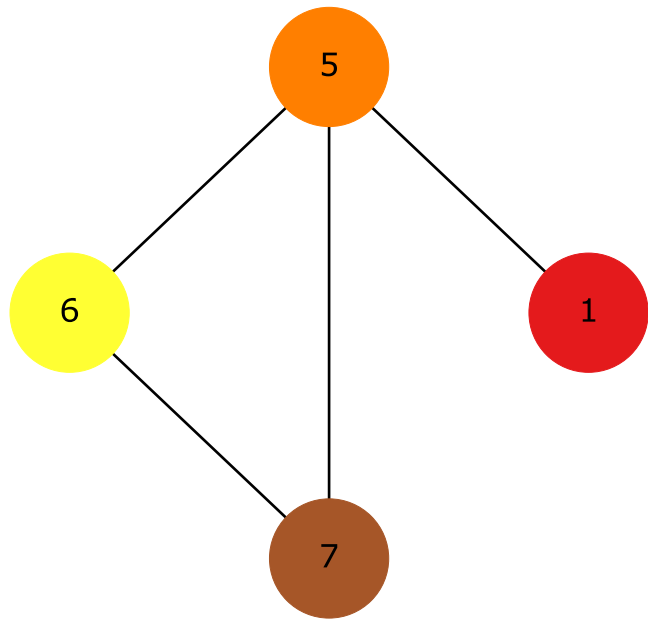


$$\phi(G_1) = [1, 1, 1, 1, 0, 0, 0, 0]$$



$$\phi(G_2) = [1, 0, 0, 0, 1, 1, 1, 0]$$