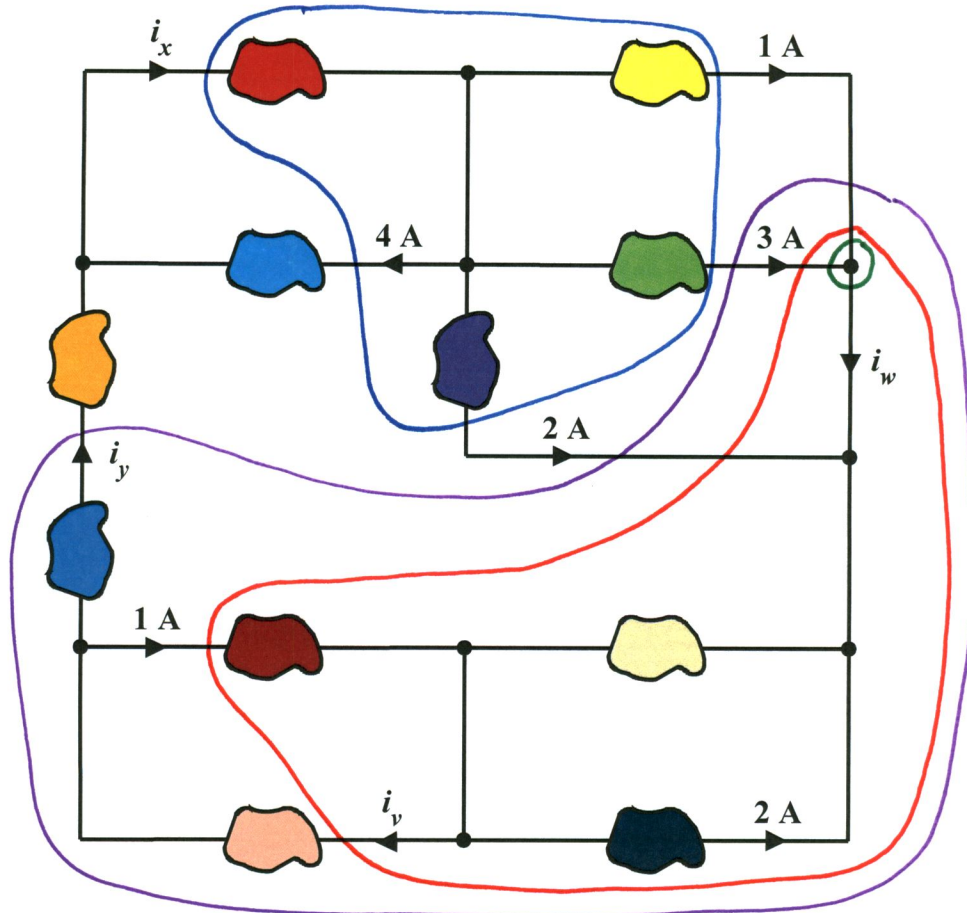


EE 2240
Problem #09

Given the following circuit:



a. Find i_v .

$$1A - i_v + 1A + 3A + 2A = 0 \Rightarrow i_v = 7A$$

b. Find i_w .

$$i_w - 1A - 3A = 0 \Rightarrow i_w = 4A$$

c. Find i_x .

$$i_x - 4A - 2A - 3A - 1A = 0 \Rightarrow i_x = 10A$$

d. Find i_y .

$$i_y - 1A - 3A - 2A = 0 \Rightarrow i_y = 6A$$