

MATH 40210, FALL 2012, Homework 5 Figures

Figure 1:

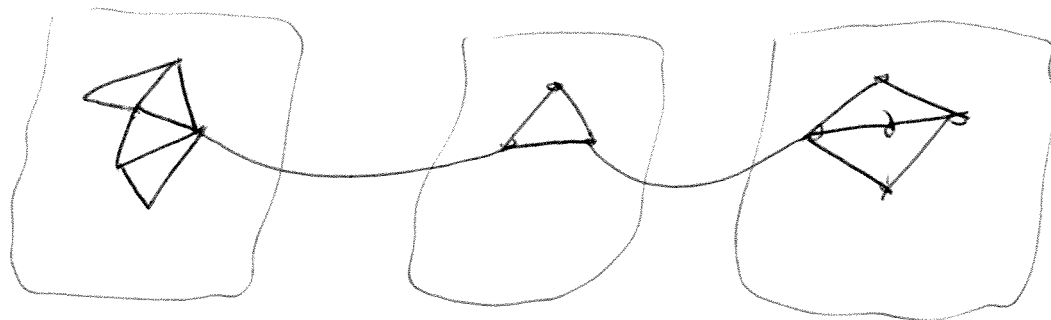
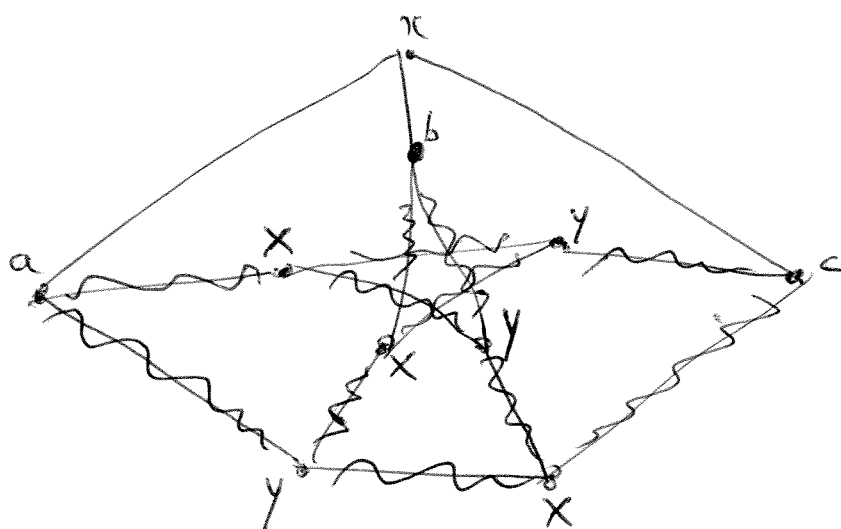


Figure 2:



$K_{3,3}$ as a subdivision of the Petersen graph. Remove vertex x , and merge the two edges that meet at a, b and c into a single edge. The bipartition XUY of the resulting $K_{3,3}$ is shown.

Figure 3 :

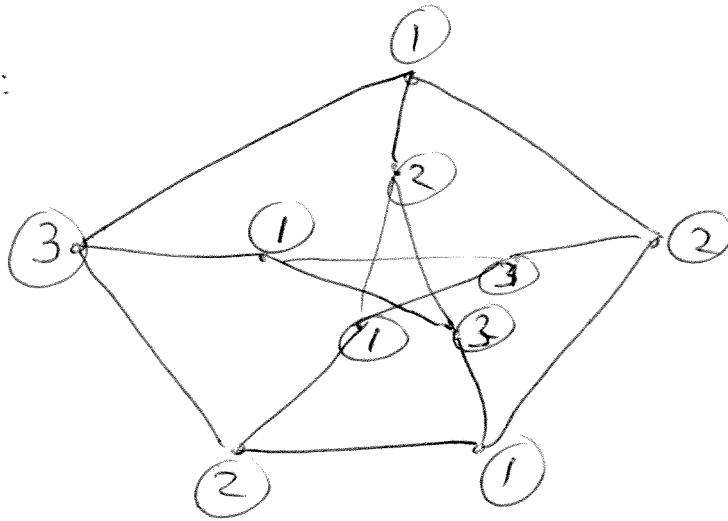


Figure 4 :

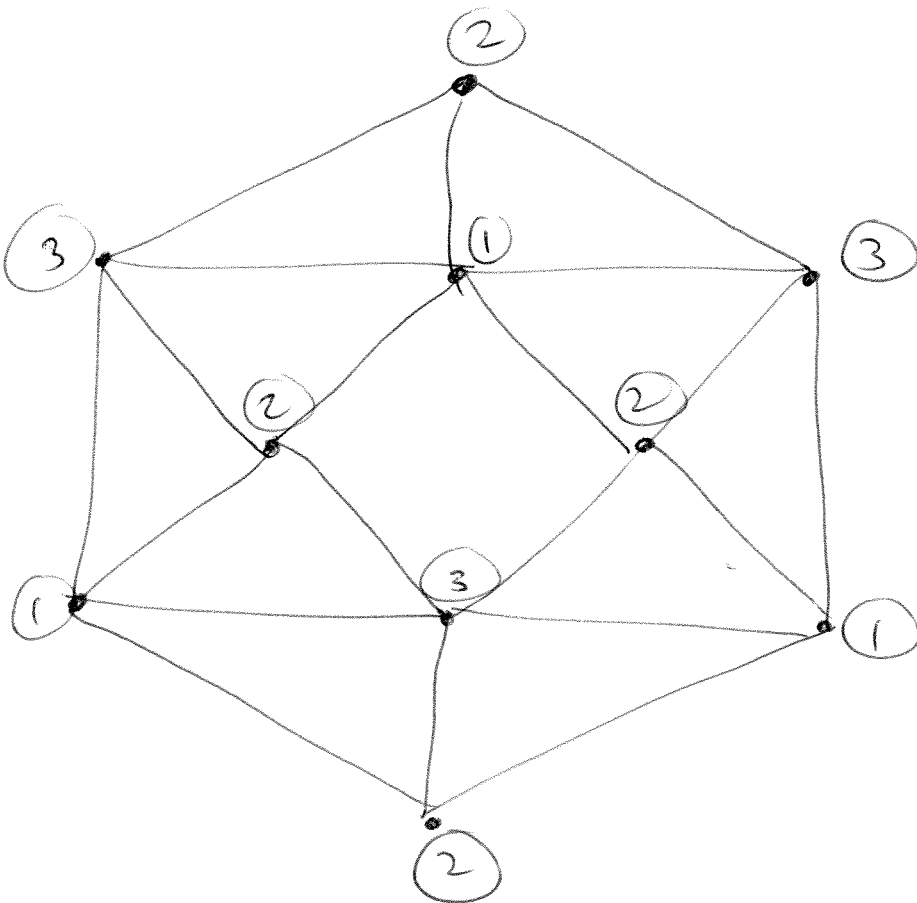
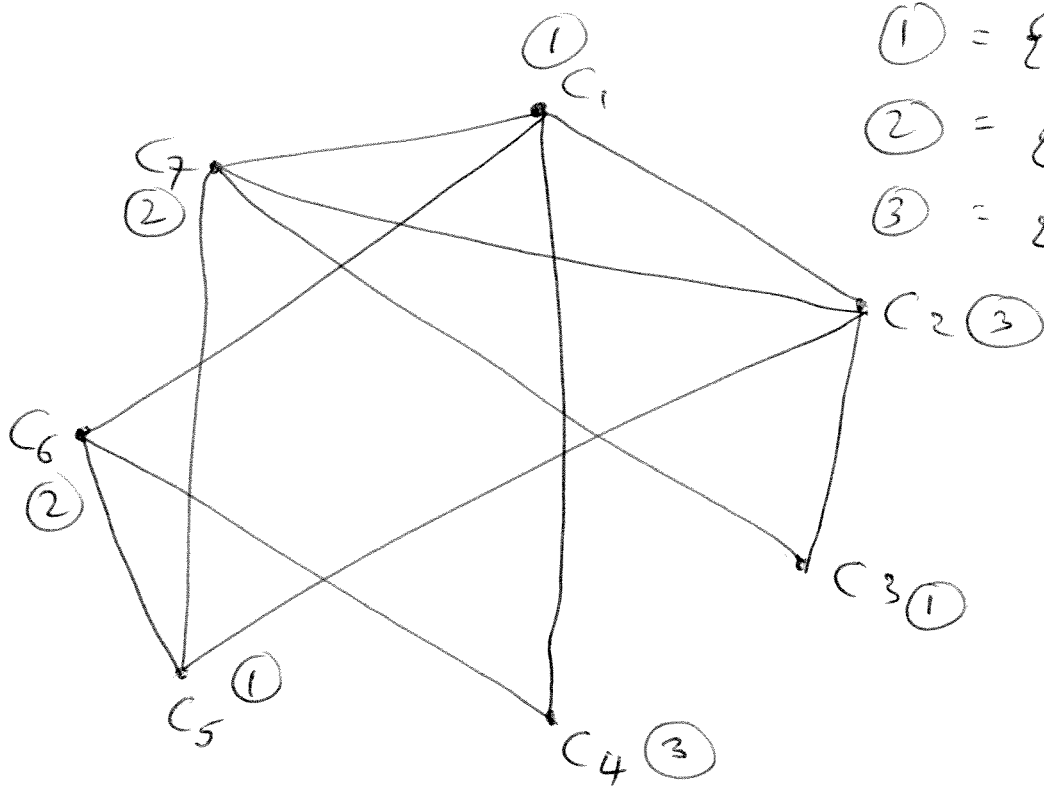


Figure 5:



- ① = {C₁, C₃, C₅}
- ② = {C₆, C₇}
- ③ = {C₂, C₄}

Figure 6:

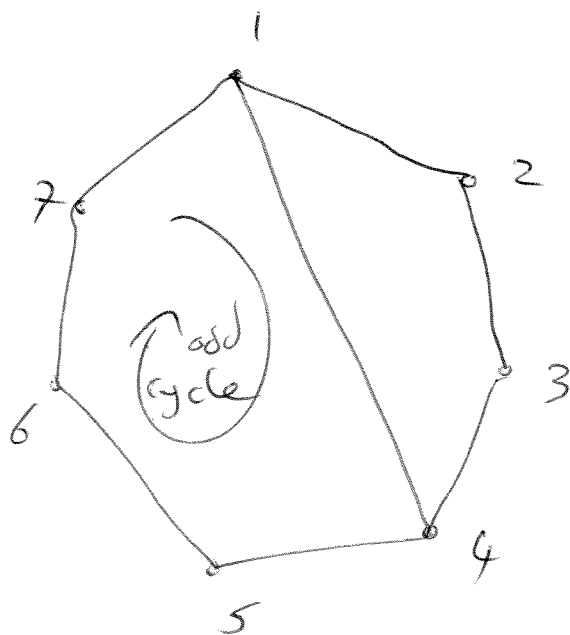
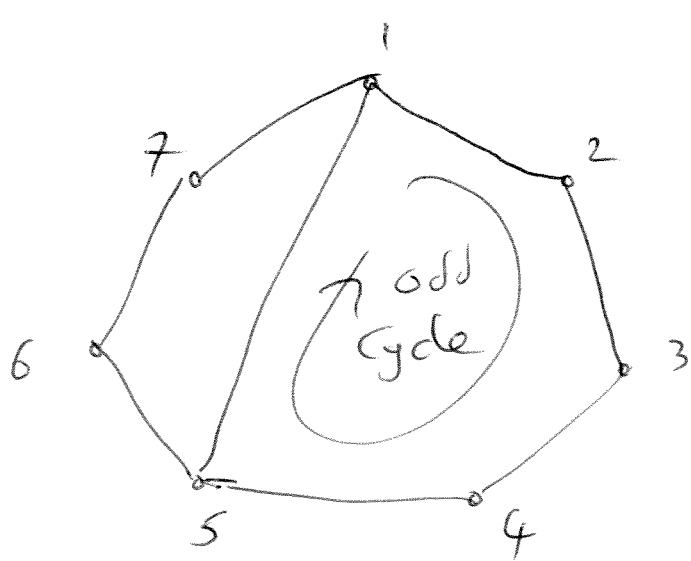


Figure 7: 