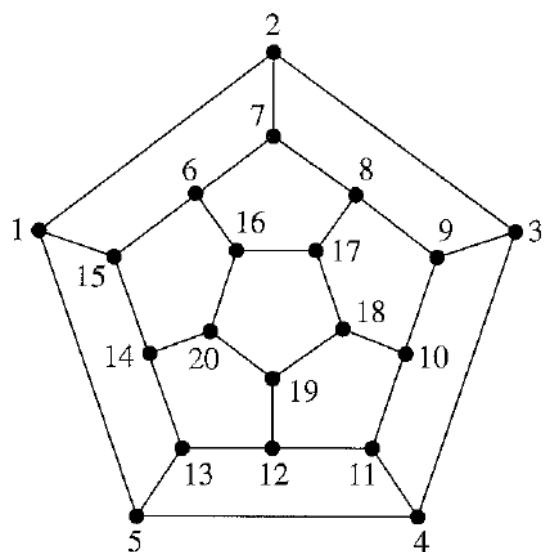


More problems 3/23 Discrete math

4.2 # 40. Find a Hamilton circuit in this graph:



Review and relearn 1-to-1 functions:

1. Prove that the function $f : \mathbb{Z} \rightarrow \mathbb{Z}$ $f(x) = (x-1)^2$ is not 1-to-1

2. Prove that the function $g : \mathbb{Z} \rightarrow \mathbb{Z}$ $g(x) = 2(x-3)^3$ is 1-to-1.

Review and relearn relationships between numbers of vertices, edges and degrees.

Do 4.1 # 22-25.