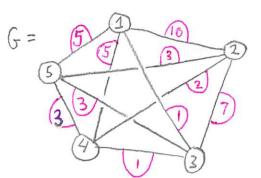
HW1. STSP: Given the Following weighted graph (Ks):



In Ks,

1) How many Hamiltonian

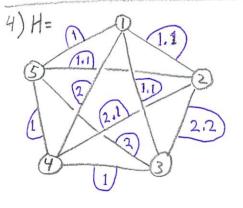
cycles are there, up to the

symmetries: "rotate starting node"

and "reverse order"?

2) Translate this graph & to a metric revision, 6.

3) Start at node 1 and use the greedy algorithm to find a solution to the STSP. (Give the cycle of total weight.) Which walk on G does your solution correspond to?



Start at node 1 of H, (already metric) and we the greedy algorithm to solve STSP.

Find a better route!