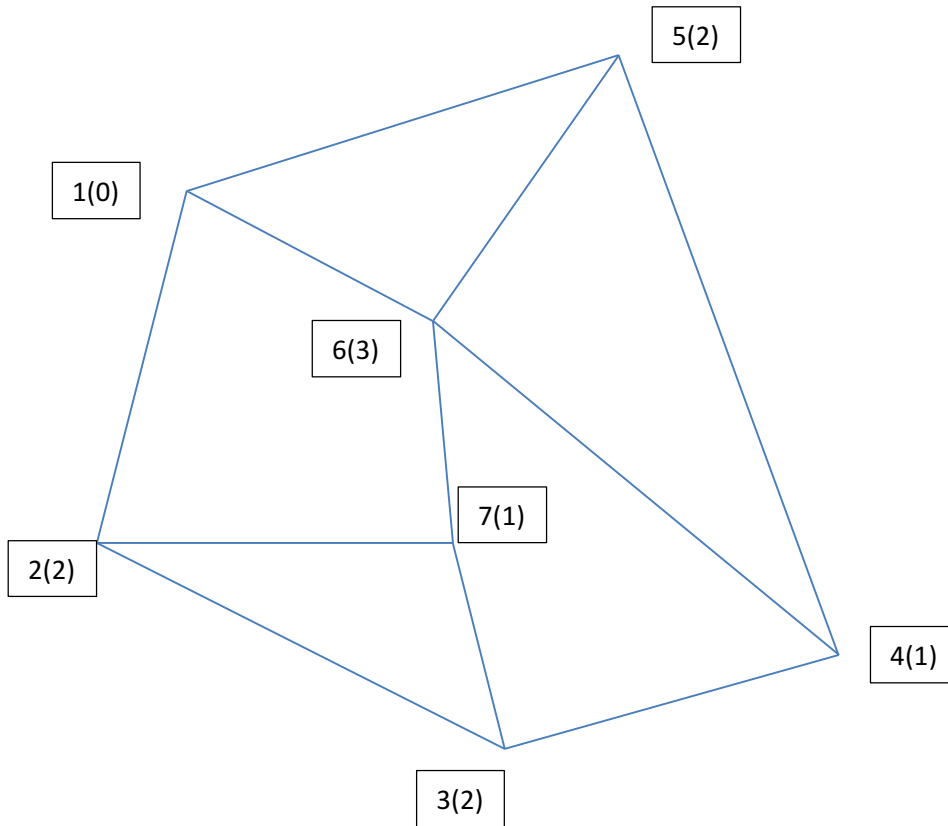


HOMWORK



We have the graph with nodes 1,2,3,4,5,6,7 and the associated costs are presented in the following table:

Node (<i>i</i>)	1	2	3	4	5	6	7
Cost $C(i)$	0	2	2	1	2	3	1

We want to solve: $\min_i C(i)$, $i = 1, 2, \dots, 7$.

Use the Simulated Annealing algorithm to solve it. Use several parameter values for the cooling schedules with constant and time varying temperatures and initial conditions. Comment on what you observe.