

IIIT-H Spr22  
Network Theory  
HW4:  
(Time: 1 Week)

List any assumptions you make in your calculations.  
Discussions are ok but submitted work should be your own. Copied HW will be marked negatively.

1. Problems from chapter 10: 39, 61, 68, 74, 77.
2. Prove the maximum power theorem for reactive circuit with  $Z_{th}$  impedance and  $Z_L$  load.
3. From chapter 11: 25, 45 & 53.