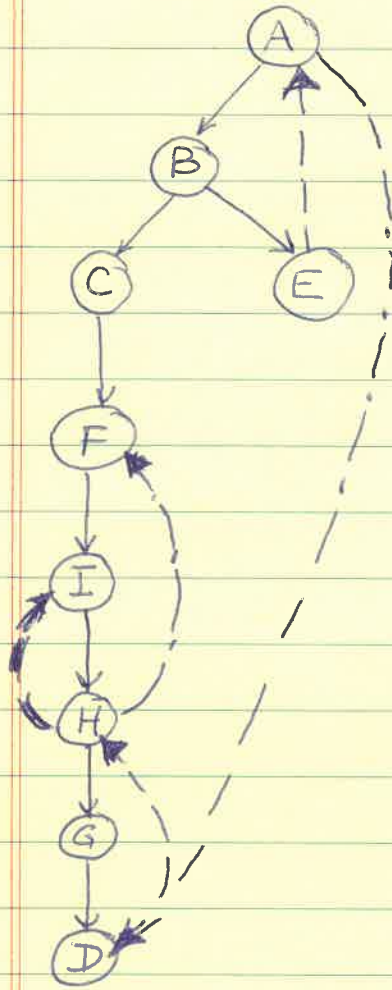


# Homework - 4

# Solutions

1.



A-D : Forward edges

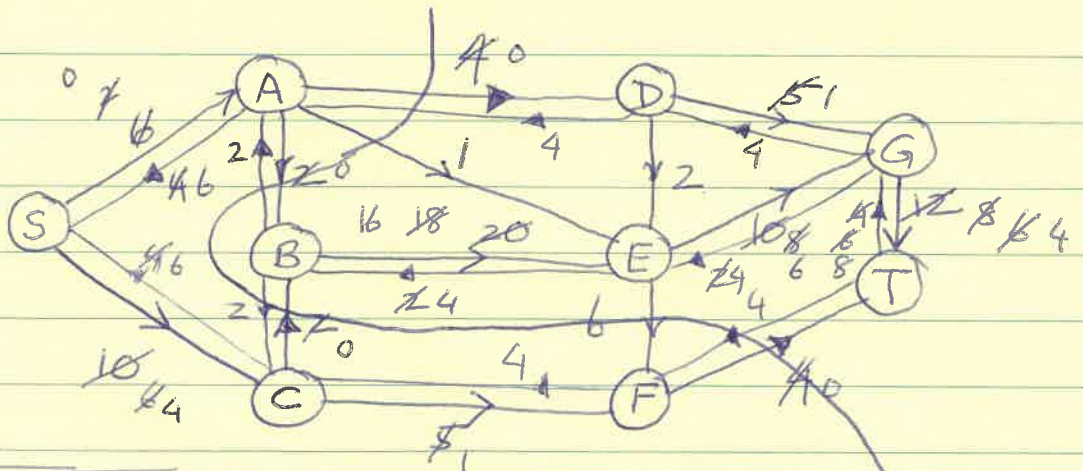
E-A, H-I, H-F, D-H : Back edges

AB, B-C, B-E, CF, F-I,  
I-H, H-G, G-D :

Tree Edges.

None Cross Edge.

2.



Flow	Aug. Path
4	S-A-D-G-T
4	S-C-F-T
2	S-C-B-E-G-T
2	S-A-B-E-G-T

Min-Cut