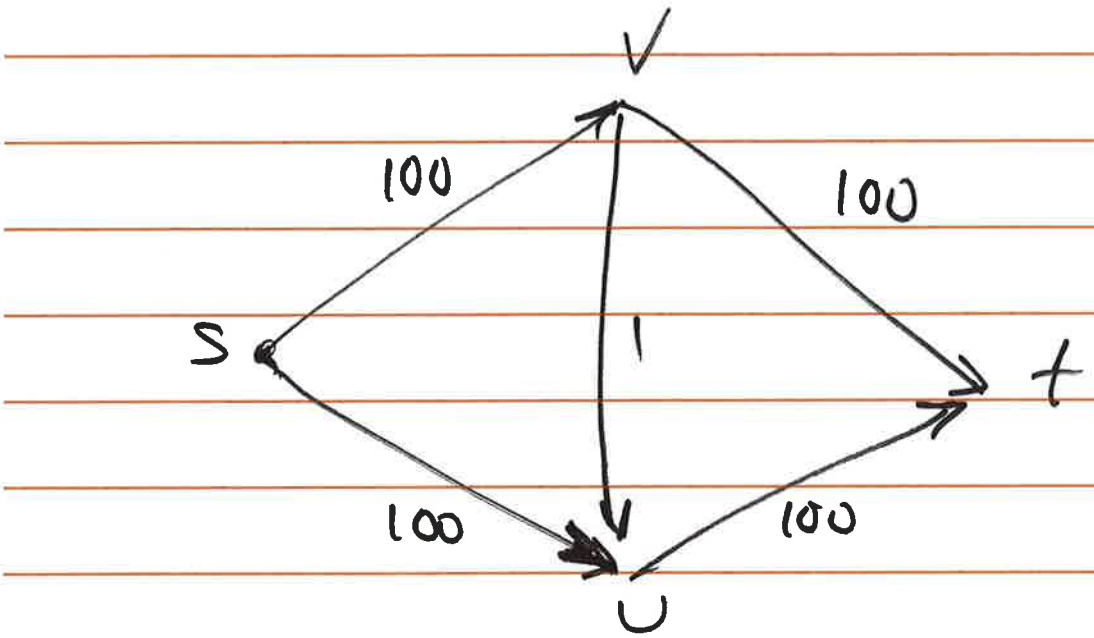
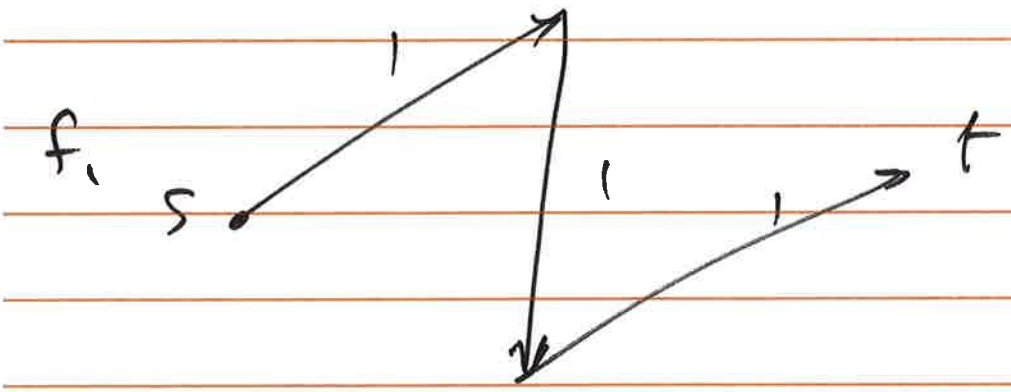
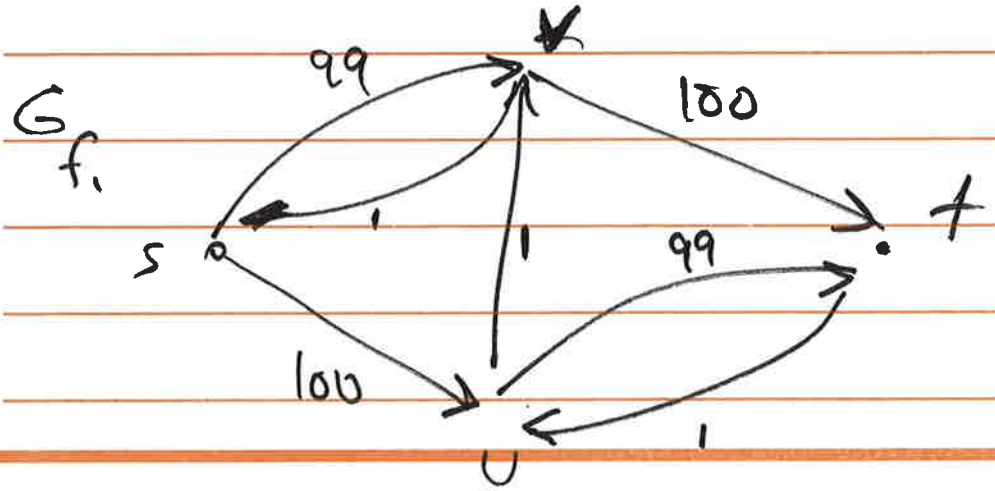
Network Flow

Scaled version of
Ford-Fulkerson


v
100
100
s
1
t
100
100
u


1
f_1
s
1
t
1


G_{f_1}
99
100
s
1
1
t
99
100
1
u

Scaled version of Ford Fulkerson

Initially remove all lower cap. edges from G
(Cap lower than Δ)
then lower the threshold to $\Delta/2$
and try again
repeat this and every time reduce the threshold by a factor of 2.

Complexity of Ford Fulkerson
$O(Cm)$

Scaled version $O(\log C \ldots)$