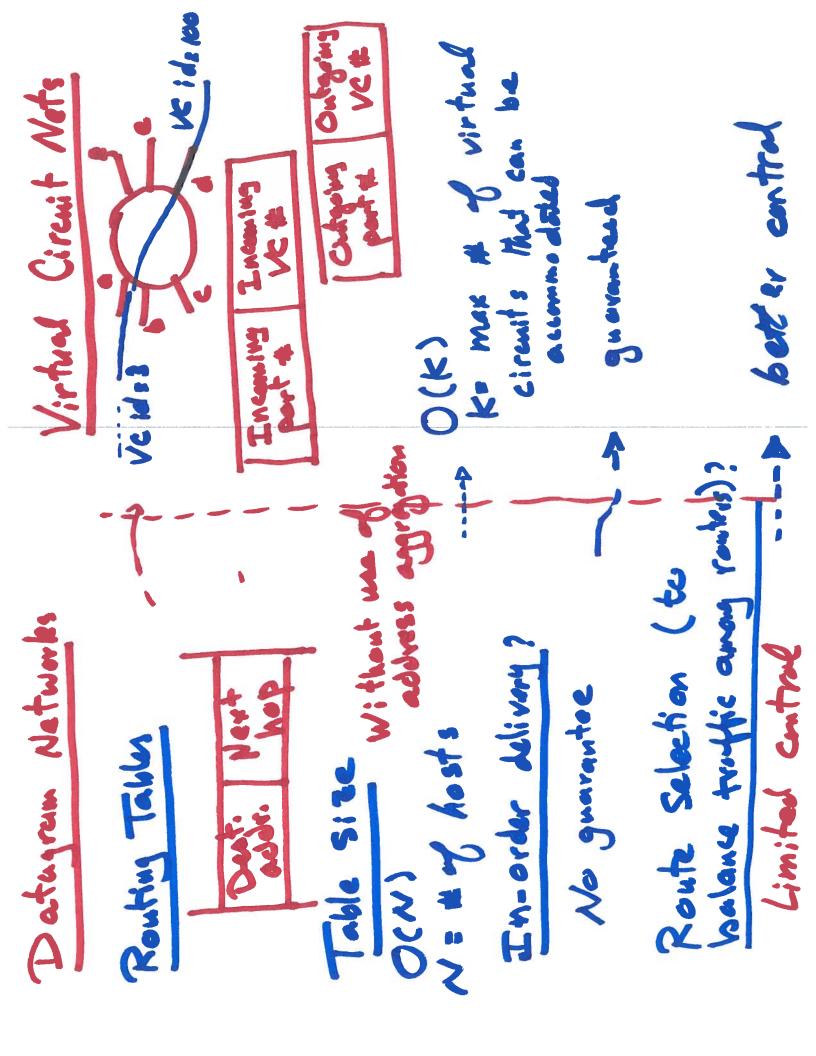
Network layer

Forward: 13

Notherhand A

Routing



Route Stability

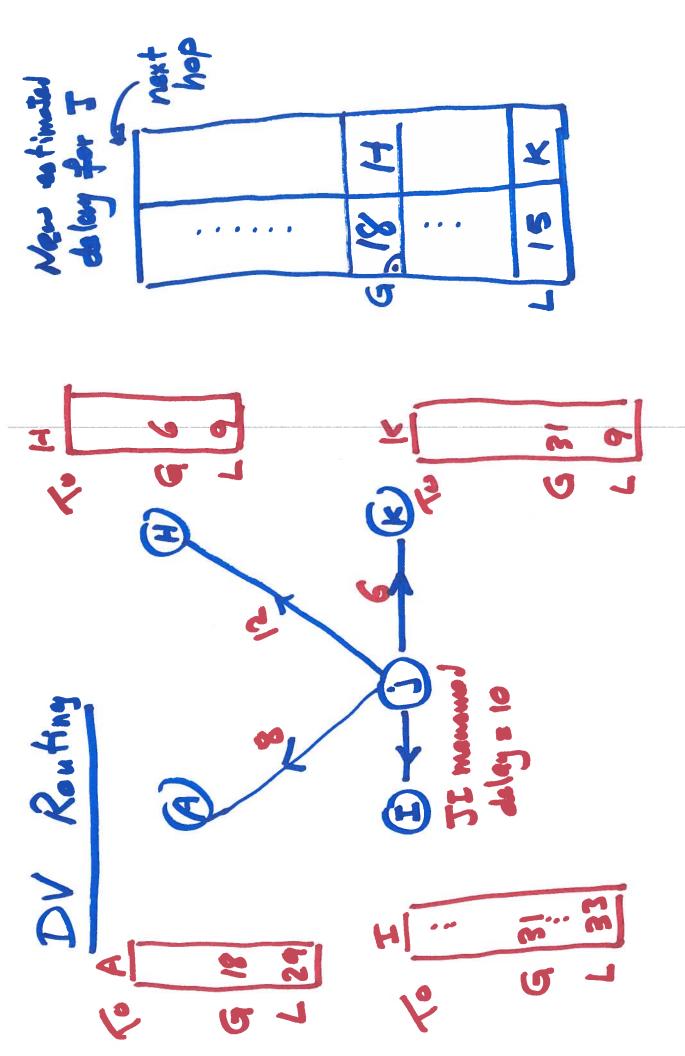
Oscillations Can occur

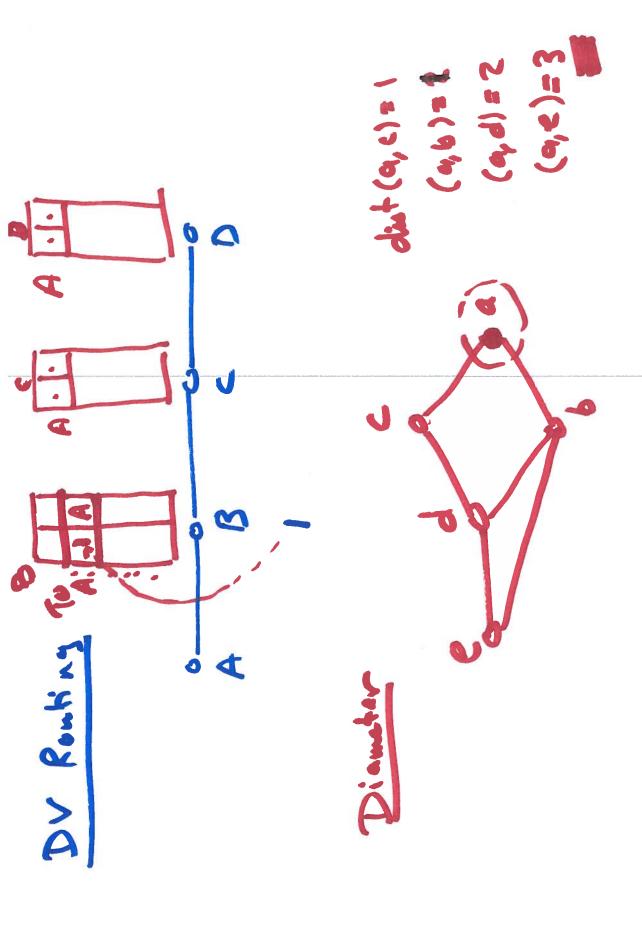
roate 2

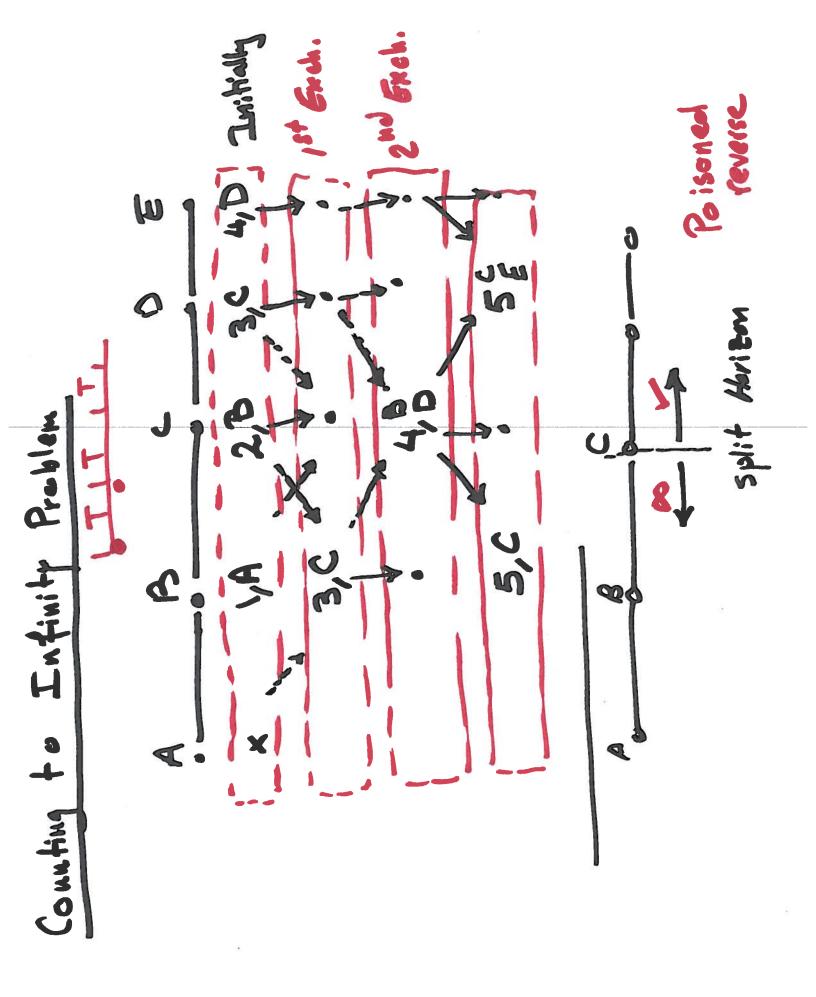
Better control

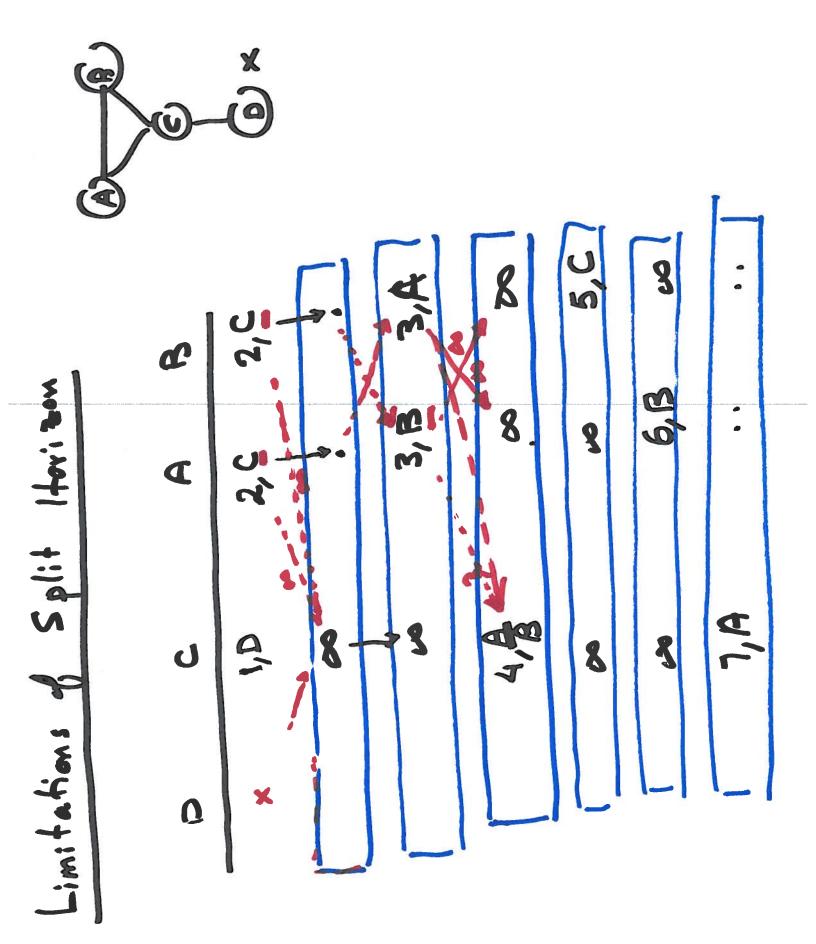
tonte

 $\Box_{\mathbf{c}}$ Cest Inverse of bandwalk ink Gost Metrics B



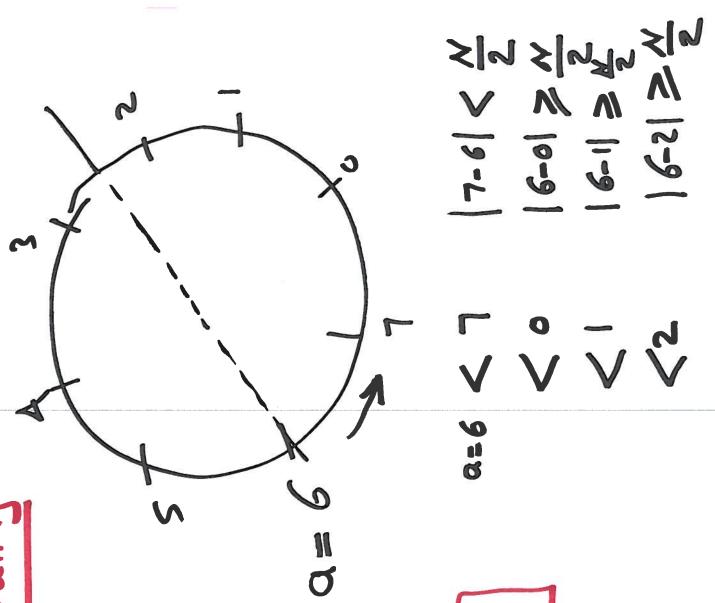


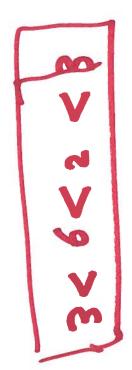




Link State Rowhing

×= &





ARPANET The Arpanet Incident (H) BBN wor Ri 15P | 15P | 15P One night ore dump

Dividing a metwork who regions

Saevifiee optimulity

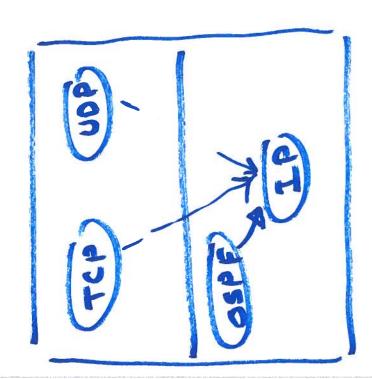
Bequire hierarchical
addresses

Gateway newtore
inthra-domin & inthra-domin &

algorithms

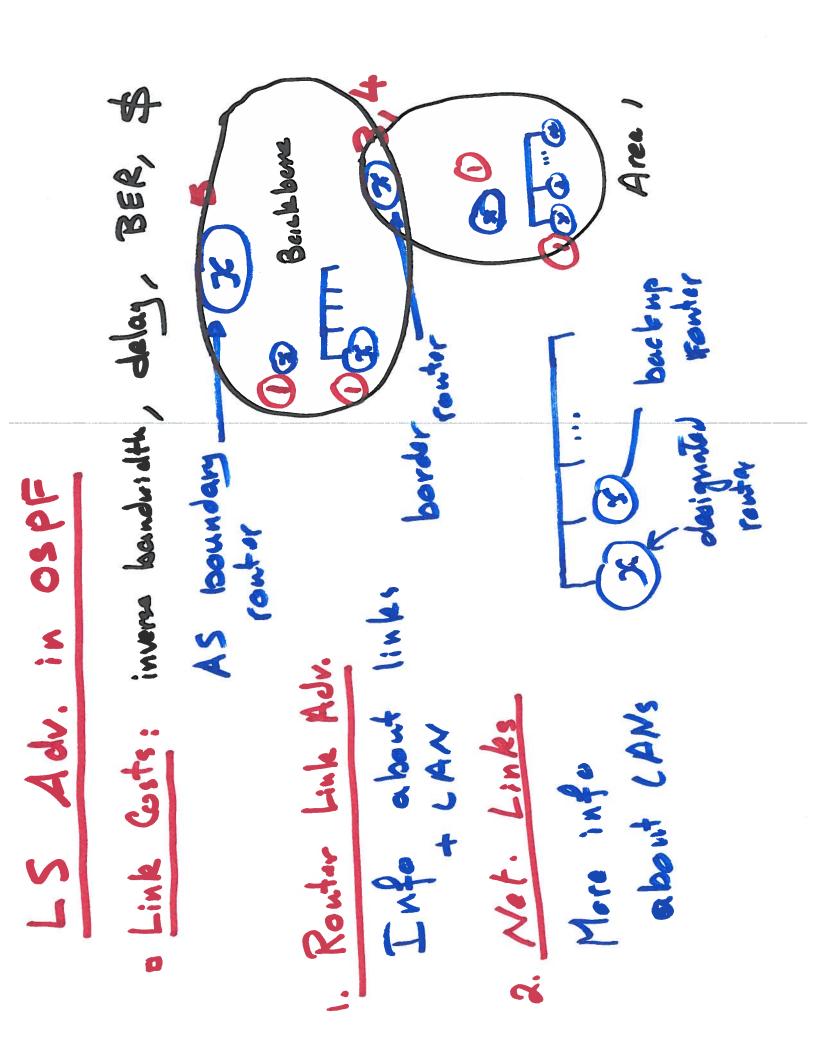
a Shorter reaching table

وعا



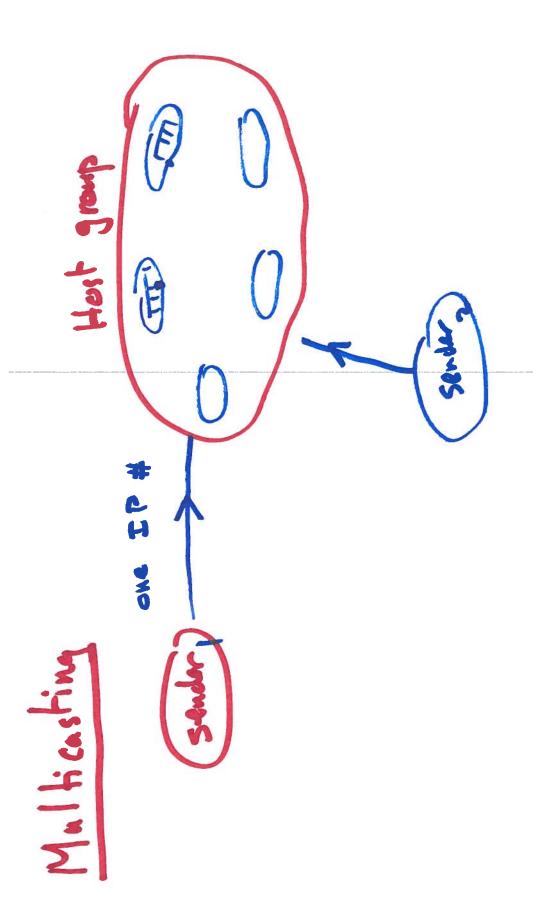
Trunch Nation

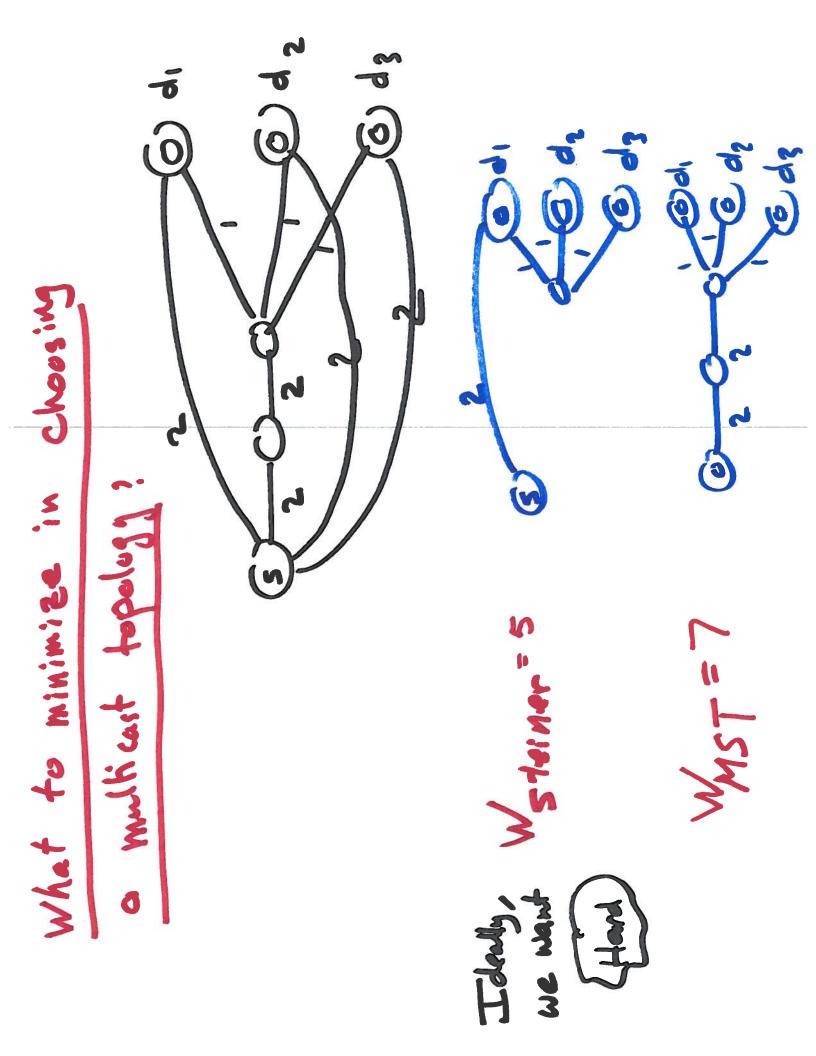
OSPE

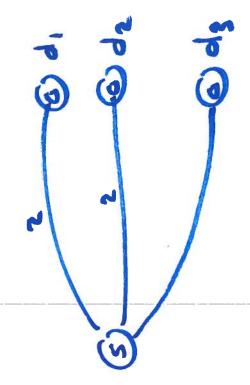


General by 45 Somethy routes.

Cost to dehinden outside the AS . Cost of reaching an AS toundary Describe naturally machable from Generated by area burder reacters 4. As Boundary Rowter Summery router by the source AS External Linb Adu outside the onea 3. Network Summery

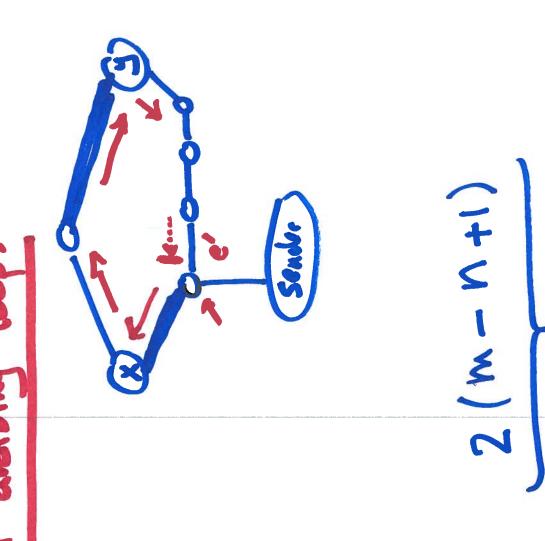






check 24 watta so 表。 Does RPF avoid looping? # 4 pets = 12 pets とれに RPF Messagar S

RPF rule aims at avoiding loops



m: # 5 nodes

n: # 5 nodes

n: