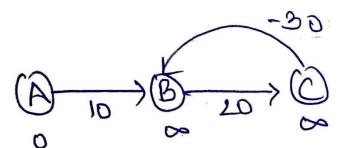
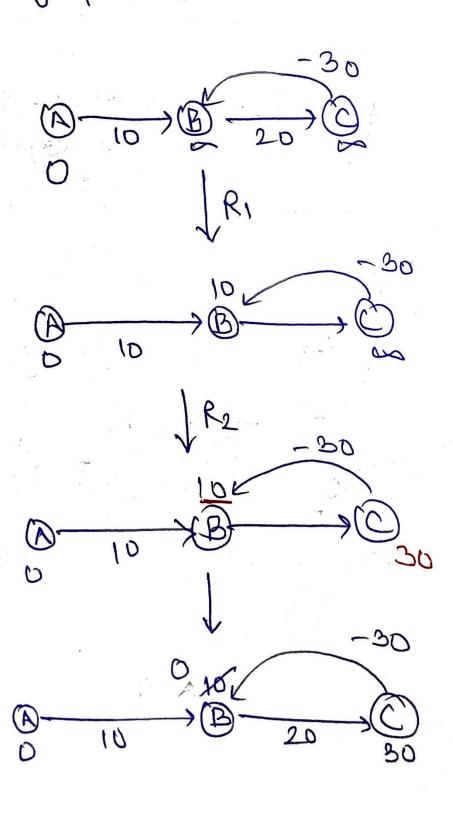
Bell marn For 4 \$ (5) -8 AC ACB $(v-1) \Rightarrow v-1=2$ 8-1=2Emes relaxation Ś 5 10 0 5 5



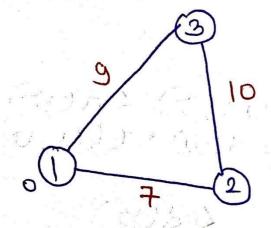
According to Dellmann Ford Algorithm, edge is relaxed un-1 times. Then,



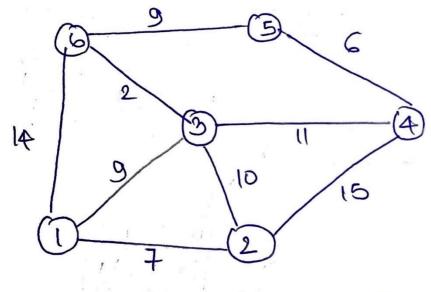
DIKARa's Agonithm (Dingle Downce ShortwotPath) 40 * Relaxation if du) + du, v) (d(v) d(w) = d(u) + c(u, w)At 1202 (allo) d(n) = 0 d(m,0) = 20 (00) Then, alw = 0+dlu, or) = 20.At 1203

For 2 to 3, we get, 20+10 < 40 30

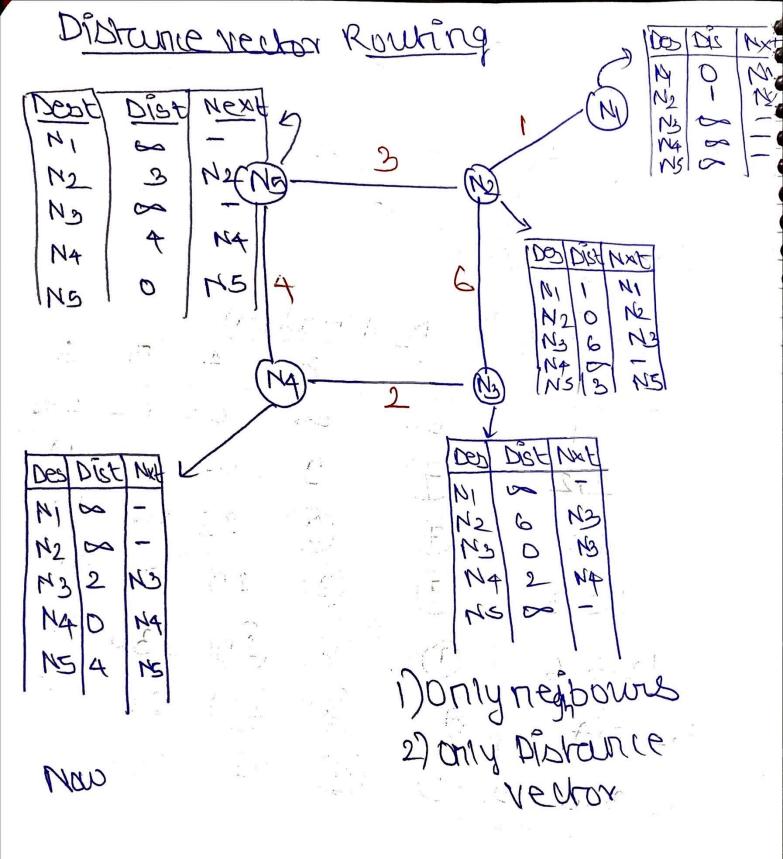
Example



Source 1	<u>Destination</u> 3
1,2	5 (1) (1) (1) (1) (1)
1,2,3	

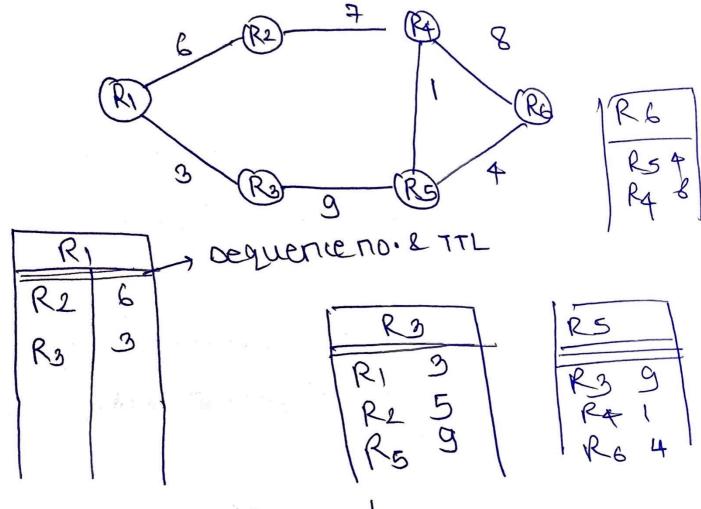


Source	<u>Des</u>	tinat	<u>1011</u>	5	6
1,2 1,2 1,2,3 1,2,3,6 1,2,3,4 1,2,3,6,4,5			22 20 20 20 20	8 8 8 0 20 20	8 14 A D D D D D



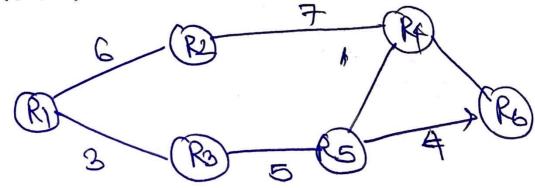
PENI, $CM,CM \leftarrow$ AtN2 At N3 -> N4, N2 NENA -> NO, NO ALNS > N4, N2 only worsduring M. MI New RT DIAT NEXT Dest 3 NI-N2 and N2 > N2 NI -> N2 and N2 -> N3 NI > N2 and N2 > N4. NI -N5 NI-N2 4 NI-1 NS CNB,

Link State Routing



-> Flooding is used

AtRIO



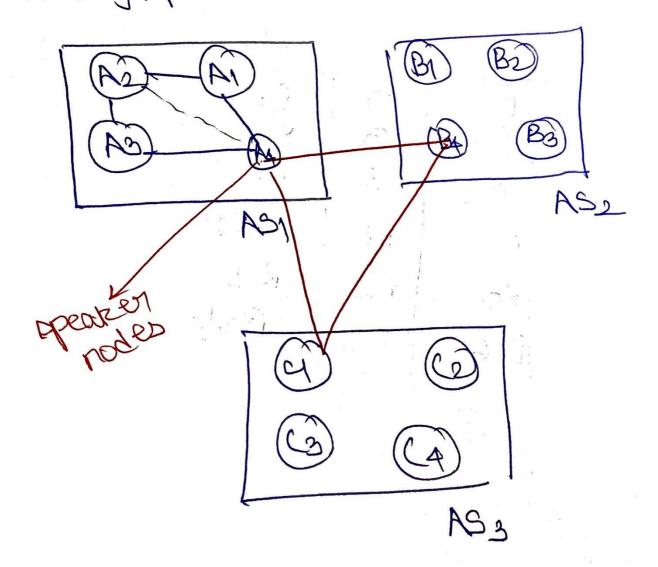
Single Dource D'dirtostporti

R1 R2 R5 R4 R5 R6
R1 6 3 00 00 00
R1R3 5 3 12 12 00
R1R2R3R4 5 3 12 12 21
R1R2R3R4 5 5 6

RIDERIA RIDERI

Path Vector Routing

- > Itis an extruior rolling probated provid to be useful inter domain or inter Askauting
 - -> In His rowning a rown has list of N/WS that can be reached with part to each each one
 - -> it tells us the part
 - -> only speaker nodes can communicate



Routing Table for M

Destination | Path

As | As |

As |

As |

As |

As |

As |

As |

As |

As |

Routing Table

A path rector Routing table for each router can be breaked if AS stare their rechability list with each other.

Dest	Path
AI	AS1
\ AA	NSI
BI	AS1-AS2
1- BA	24-1CA
[CA	1 AS1 - AS3