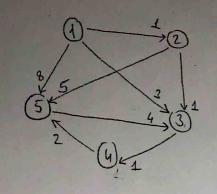
Di = cost matrices Po = previous matrices



K=1 Using vertex 1 as an intermediate vertex

K=2 using vertex 2 as an intermediate vertex

K=3 using vertex 3 as an

K=4 using vertex 4 as an intermediate vertex

K=5 =, using 5 cs an intermediate vertex

$$D_{5} = \begin{cases} 0 & 1 & 2 & 3 & 5 \\ N_{0} & 0 & 1 & 2 & 4 \\ N_{0} & N_{0} & 0 & 1 & 3 \\ N_{0} & N_{0} & 0 & 1 & 3 \\ N_{0} & N_{0} & 0 & 1 & 3 \\ N_{0} & N_{0} & 0 & 1 & 3 \\ N_{0} & N_{0} & 0 & 1 & 3 \\ N_{0} & N_{0} & 0 & 1 & 3 \\ N_{0} & N_{0} & 0 & 1 & 3 \\ N_{0} & N_{0} & N_{0} & 1 & 3 \\ N_{0} & N_{0} & N_{0} & N_{0} & 1 \\ N_{0} & N_{0$$