10 | 1 | 2 | 3 | 4 OBST. (0 20 30 40. W 6 8 10 10 10 10 0 0 0 0 w (012) 2 c(0,2) = min (c(0,0)+ c(1,2)+b. 12 .2 0 3 O C(2,2) +6. 0+2+6=8 min 4+0+6=10 w (013). $\begin{cases} C(0,0) + C(1,3) + 2 + 6 + 4 \\ C(0,1) + C(2,3) + 12 \\ C(0,2) + C(3,3) + 12 \end{cases}$ uin (4) 0+10+12=22 A+ 6+12 = 22 8+0+12 = 20 min $Sc(1,1)+c(2,3)+\omega(1,3)$ $C(1,2)+c(3,3)+\omega(1,3)$ (2) ming 0+6+8=14. 6+3. $C(2,2)+C(3,4)+\omega(2,4)$ $C(2,3)+C(4,4)+\omega(2,4)$ c(.2/4) = 0+3+9=12 6+0+9=15 (C1,1)+c(2,4)+w(1,4) (2+6+3) c(liv) = min C(1,2) + c(3,4) + w(1,4) c(1,3) + c(4,4) + w (1,4) min & 0+12+11=

$$C(0,0) + C(1,0) + \omega(0,0)$$

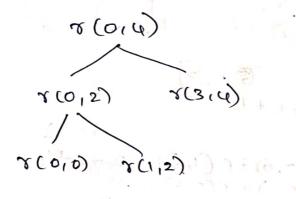
$$C(0,1) + C(2,0) + \omega(0,0)$$

$$C(0,2) + C(3,0) + \omega(0,0)$$

$$C(0,2) + C(6,0) + \omega(0,0)$$

$$= min \begin{cases} 0 + 16 + 15 = 31 \\ 4 + 12 + 15 = 26 \end{cases}$$

$$20 + 0 + 15 = 35$$



$$\left[T(n) = O(n^3)\right]$$