|  |  |
| --- | --- |
| Sursa (s ) | Calculul pentru nodurile intermediare |
| 1 | Cost minim curent=infinit, s=1 ,d=5   |  |  |  |  | | --- | --- | --- | --- | | Intermediar (i) | C( 5 , i )+C( i , s ) | Valoare | Actiune | | 2 | C( 5 , 2 )+C( 2 ,1) | 3+2=5<infinit | Ruta noua | | 3 | C( 5 , 3 )+C( 5 , 1 ) | 2+infinit | Nu | | 4 | C( 5 , 4 )+C( 4 , 1 ) | 2+5 | Nu | | 6 | C( 5 , 6 )+C( 6 , 1 ) | 1+infinit | Nu | | 7 | C( 5 , 7 )+C( 7 , 1 ) | infinit+infinit | Nu | |
| 2 | Cost minim curent=3, s=2, d=5   |  |  |  |  | | --- | --- | --- | --- | | Intermediar ( I ) | C( 5 , i )+C( i , s) | Valoare | Actiune | | 1 | C( 5 , 1 )+C( 1 , 2 ) | Infinit+2 | Nu | | 3 | C( 5 , 3 )+C( 3 , 2 ) | 2+4 | Nu | | 4 | C( 5 , 4 )+C( 4, 2 ) | 2+1 | Nu | | 6 | C( 5 , 6)+C( 6 , 2 ) | 1+6 | Nu | | 7 | C( 5 , 7 )+C( 7 , 2) | infinit+4 | Nu | |
| 3 | Cost minim curent = 2, s=3 , d=5   |  |  |  |  | | --- | --- | --- | --- | | Intermediar ( i ) | C( 5 , i )+C( i , s) | Valoare | Actiune | | 1 | C( 5 , 1 )+C( 1 , 3 ) | Infinit+5 | Nu | | 2 | C( 5 , 2)+C( 2 , 3 ) | 3+4 | Nu | | 4 | C( 5 , 4 )+C( 4 , 3 ) | 2+3 | Nu | | 6 | C( 5 , 6 )+C( 6 , 3 ) | 1+1 | Nu | | 7 | C( 5 , 7 )+C( 7 , 3 ) | infinit+1 | Nu | |
| 4 | Cost minim curent = 2, s=4 , d=5   |  |  |  |  | | --- | --- | --- | --- | | Intermediar ( i ) | C( 5 , i )+C( i , s) | Valoare | Actiune | | 1 | C( 5 , 1 )+C( 1 , 4 ) | Infinit+5 | Nu | | 2 | C( 5 , 2)+C( 2 , 4 ) | 3+1 | Nu | | 3 | C( 5 , 3 )+C( 3 , 4 ) | 2+3 | Nu | | 6 | C( 5 , 6 )+C( 6 , 4 ) | 1+infinit | Nu | | 7 | C( 5 , 7 )+C( 7 , 4 ) | infinit+infinit | Nu | |
| 6 | Cost minim curent = 1, s=6, d=5  Costul minim curent este chiar ruta de cost minim, nu are rost sa facem calculele |
| 7 | Cost minim curent =infinit, s=7, d=5   |  |  |  |  | | --- | --- | --- | --- | | Intermediar ( I ) | C( 5 , I )+C( I , s) | Valoare | Actiune | | 1 | C( 5 , 1 )+C( 1 , 7 ) | Infinit+infinit | Nu | | 2 | C( 5 , 2)+C( 2 , 7 ) | 3+4 | Nu | | 3 | C( 5 , 3 )+C( 3 , 7 ) | 2+1=3<infinit | Ruta noua | | 4 | C( 5 , 4 )+C( 4 , 7 ) | 2+infinit | Nu | | 6 | C( 5 , 6 )+C( 6 , 7 ) | 1+3 | Nu | |

Tabela noua de lagaturi

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **1** | 0 | 2 | 5 | 5 | 5 | infinit | infinit |
| **2** | 2 | 0 | 4 | 1 | 3 | 6 | 4 |
| **3** | 5 | 4 | 0 | 3 | 2 | 1 | 1 |
| **4** | 5 | 1 | 3 | 0 | 2 | infinit | infinit |
| **5** | 5 | 3 | 2 | 2 | 0 | 1 | 3 |
| **6** | infinit | 6 | 1 | infinit | 1 | 0 | 3 |
| **7** | infinit | 4 | 1 | infinit | 3 | 3 | 0 |