HW3 Nabin Shrestha

Solution

Ans → If we choose smallest value index in tie breaker

P_1	P_3	P_2	P_3
0	0	0	0
0	1	0	1
1	0	1	0
1	1	1	1

P_1	P_2	P_3	
0	0	0	0 = 2 , possible coverage > 2
0	1	1	0 = 1, 1 = 2
1	0	1	0 = 1, 1 = 2
1	1	0	0 = 2

For P_4

P_1	P_4	P_2	P_4	P_3	P_4
~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~
~~0~~	~~+~~	~~0~~	~~+~~	~~0~~	~~+~~
~~+~~	~~0~~	~~+~~	~~0~~	~~+~~	~~0~~
~~+~~	~~+~~	~~+~~	~~+~~	~~+~~	~~+~~

P_1	P_2	P_3	P_4	
0	0	0	0	0 = 3 , possible coverage > 3
0	1	1	1	0 = 2 , 1 = 3
1	0	1	0	0 = 2, 1 = 2, tiebreaker
1	1	0	1	0 = 1, 1 = 2
–	0	–	1	
–	1	–	0	