集合{A, B, C, D}的查找概率是{0.2, 0.3, 0.1, 0.4},写出二维表C和R的求解过程状态

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 1 | 2 | 3 | 4 |
| 1 | 0 | 0.2 | 0.7 | 0.9 | 1.8 |
| 2 |  | 0 | 0.3 | 0.5 | 1.3 |
| 3 |  |  | 0 | 0.1 | 0.6 |
| 4 |  |  |  | 0 | 0.4 |
| 5 |  |  |  |  | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 1 | 2 | 3 | 4 |
| 1 |  | 1 | 2 | 2 | 2 |
| 2 |  |  | 2 | 1 | 4 |
| 3 |  |  |  | 3 | 4 |
| 4 |  |  |  |  | 4 |
| 5 |  |  |  |  |  |

二维表C 二维表R

1,2: k=1 c10+c22+p = 0.8 k=2 c11+c32+p = 0.7

2,3: k=2 c21+c33+p = 0.5 k=3 c22+c43+p = 0.7

3,4 k=3 c32+c44+p = 0.9 k=4 c33+c54+p = 0.6

1,3 k=1 c10+c23+p = 0 + 0.5 + 0.6 = 1.1

k=2 c11+c33+p = 0.2 + 0.1 + 0.6 = 0.9

k=3 c12+c43+p = 0.7 + 0 + 0.6 = 1.3

2,4 k=2 c21+c34+p = 0 + 0.6 + 0.8 = 1.4

k=3 c22+c44+p = 0.3+0.4+0.8=1.5

k=4 c23+c54+p = 0.5+0+0.8=1.3

1,4 k=1 c10+c24+p = 0 + 1.3 + 1 = 2.3

k=2 c11+c34+p = 0.2 + 0.6 + 1 = 1.8

k=3 c12+c44+p = 0.7 + 0.4 + 1 = 2.1

k=4 c13+c54+p = 0.9 + 0 + 1 = 1.9