Theodore Jagodits HW01 CS 513

1.1

|  |  |  |  |
| --- | --- | --- | --- |
|  | Susan @ Bank | Susan ! @ Bank |  |
| Jerry @ Bank | 0.08 | 0.12 | 0.20 |
| Jerry ! @ Bank | 0.22 | 0.58 | 0.80 |
|  | 0.30 | 0.70 |  |

1. P (Jerry @ Bank | Susan @ Bank) = 0.08 / 0.30 = 0.2667
2. P (Jerry @ Bank | Susan ! @ Bank) = 0.12 / 0.70 = 0.1714
3. P (Jerry and Susan @ Bank | Susan or Jerry @ Bank) = 0.08 / (1 – 0.58) = 0.1905

1.2

1.3

1.4

1.5

1.6