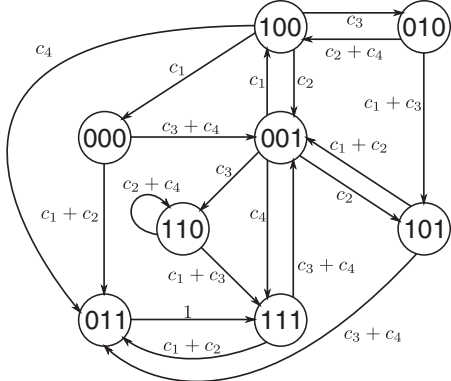


| $x_1 x_2 x_3$ | $f_1^{(1)}$ | $f_1^{(2)}$ | $f_2^{(2)}$ | $f_1^{(3)}$ | $f_2^{(3)}$ |
|---------------|-------------|-------------|-------------|-------------|-------------|
| 000           | 0           | 1           | 0           | 1           | 1           |
| 001           | 1           | 0           | 1           | 0           | 1           |
| 010           | 1           | 0           | 0           | 1           | 0           |
| 011           | 1           | 1           | 1           | 1           | 1           |
| 100           | 0           | 0           | 1           | 0           | 1           |
| 101           | 0           | 0           | 1           | 1           | 1           |
| 110           | 1           | 1           | 1           | 1           | 0           |
| 111           | 0           | 1           | 0           | 1           | 1           |
| $c_j^{(i)}$   | 1           | 0.3         | 0.7         | 0.4         | 0.6         |



$$\mathbf{A} = \begin{bmatrix} 0 & c_3 + c_4 & 0 & c_1 + c_2 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & c_1 & c_2 & c_3 & c_4 \\ 0 & 0 & 0 & 0 & c_2 + c_4 & c_1 + c_3 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \\ c_1 & c_2 & c_3 & c_4 & 0 & 0 & 0 & 0 \\ 0 & c_1 + c_2 & 0 & c_3 + c_4 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & c_2 + c_4 & c_1 + c_3 \\ 0 & c_3 + c_4 & 0 & c_1 + c_2 & 0 & 0 & 0 & 0 \end{bmatrix}$$