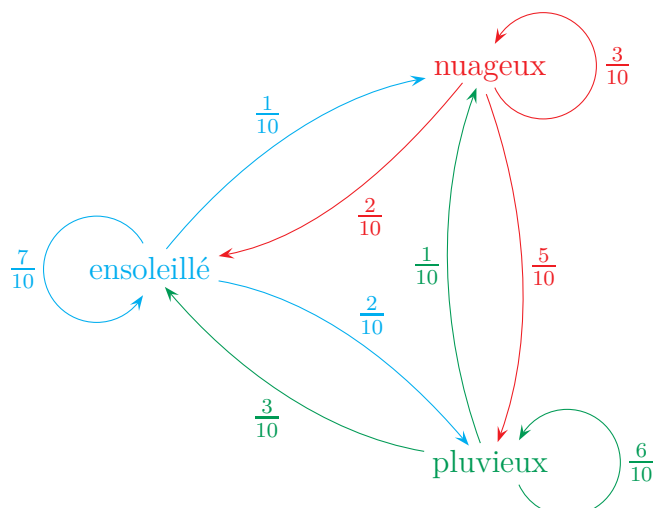


7.3



$$\text{Matrice de transition : } A = \begin{pmatrix} \frac{7}{10} & \frac{2}{10} & \frac{3}{10} \\ \frac{1}{10} & \frac{3}{10} & \frac{1}{10} \\ \frac{2}{10} & \frac{5}{10} & \frac{6}{10} \end{pmatrix}$$

$$\text{Météo de mardi : } \begin{pmatrix} \frac{7}{10} & \frac{2}{10} & \frac{3}{10} \\ \frac{1}{10} & \frac{3}{10} & \frac{1}{10} \\ \frac{2}{10} & \frac{5}{10} & \frac{6}{10} \end{pmatrix} \begin{pmatrix} 0 \\ 1 \\ 0 \end{pmatrix} = \begin{pmatrix} \frac{2}{10} \\ \frac{3}{10} \\ \frac{5}{10} \end{pmatrix}$$

$$\text{Météo de mercredi : } \begin{pmatrix} \frac{7}{10} & \frac{2}{10} & \frac{3}{10} \\ \frac{1}{10} & \frac{3}{10} & \frac{1}{10} \\ \frac{2}{10} & \frac{5}{10} & \frac{6}{10} \end{pmatrix} \begin{pmatrix} \frac{2}{10} \\ \frac{3}{10} \\ \frac{5}{10} \end{pmatrix} = \begin{pmatrix} \frac{35}{100} \\ \frac{16}{100} \\ \frac{49}{100} \end{pmatrix}$$

$$\text{Météo de jeudi : } \begin{pmatrix} \frac{7}{10} & \frac{2}{10} & \frac{3}{10} \\ \frac{1}{10} & \frac{3}{10} & \frac{1}{10} \\ \frac{2}{10} & \frac{5}{10} & \frac{6}{10} \end{pmatrix} \begin{pmatrix} \frac{35}{100} \\ \frac{16}{100} \\ \frac{49}{100} \end{pmatrix} = \begin{pmatrix} \frac{424}{1000} \\ \frac{132}{1000} \\ \frac{444}{1000} \end{pmatrix}$$

$$\text{Météo de vendredi : } \begin{pmatrix} \frac{7}{10} & \frac{2}{10} & \frac{3}{10} \\ \frac{1}{10} & \frac{3}{10} & \frac{1}{10} \\ \frac{2}{10} & \frac{5}{10} & \frac{6}{10} \end{pmatrix} \begin{pmatrix} \frac{424}{1000} \\ \frac{132}{1000} \\ \frac{444}{1000} \end{pmatrix} = \begin{pmatrix} \frac{4564}{10\ 000} \\ \frac{1264}{10\ 000} \\ \frac{4172}{10\ 000} \end{pmatrix}$$