**Example 1** *This is a quite simple example about using python within LATEX:*

Peter is paid 120 € for working 10 hours. He will be paid 480.00 € for working 40 hours.

Powered by LATEX and Python.

**Example 2** *Matrix multiplication with Python doing the dirty work:*

$$\begin{pmatrix} 1 & 1 & 1 \\ 1 & 2 & -3 \\ 1 & -3 & 18 \end{pmatrix} \cdot \begin{pmatrix} 27 & -21 & -5 \\ -21 & 17 & 4 \\ -5 & 4 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

**Example 3** *Using matplotlib tools. This example has been taken from Maplotlib Documentation:*



contour lines over filled continent background