- U := Matrix([[2, 3], [1, 0]]):
- J, Q := JordanForm(U, output = ['J', 'Q'])

$$J, Q := \begin{bmatrix} -1 & 0 \\ 0 & 3 \end{bmatrix}, \begin{bmatrix} \frac{1}{4} & \frac{3}{4} \\ -\frac{1}{4} & \frac{1}{4} \end{bmatrix}$$
 (1)

>
$$constants := solve(Q \cdot Vector([c1, c2]) = Vector([1, 2]))$$

 $constants := \{c1 = -5, c2 = 3\}$ (2)