

A 3x3 matrix is displayed, enclosed in large square brackets. The matrix elements are arranged in a checkerboard pattern, with the main diagonal elements being zero. The off-diagonal elements are labeled with variables  $a$ ,  $b$ , and  $c$ , and their negatives. The matrix is visually styled with colored bands: yellow for the main diagonal, green for the  $a$  and  $-a$  positions, orange for the  $b$  and  $-b$  positions, and blue for the  $c$  and  $-c$  positions.

$$\begin{bmatrix} 0 & a & -b \\ -a & 0 & -c \\ b & c & 0 \end{bmatrix}$$