

## Example 1

The figure displays two 5x5 grids representing matrices. The left matrix has entries ranging from -9 to 5, while the right matrix has entries ranging from -6 to 4. Red lines connect corresponding entries between the two matrices, indicating a mapping or relationship between them. Two specific entries in the left matrix, located at positions (2,3) and (3,2), are highlighted in yellow.

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The figure shows a 3D coordinate system with a yellow cube centered at the origin. The cube's faces are labeled with values from -9 to 18. A red line passes through the cube, intersecting its faces at various points. The line starts at (10, 10, 10) and ends at (18, 0, 0).

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The figure displays two triangular matrices, each consisting of 12 rows and 3 columns, defined by blue grid lines. The left matrix has yellow shaded regions in its lower-left and middle sections. The right matrix has a yellow shaded region in its top-right section. Red lines connect corresponding entries between the two matrices.