



A 3x3 grid with a gray shaded region. The shaded region starts at the top-left corner and extends diagonally towards the bottom-right, following the path of the main diagonal. A red square is located in the center of the grid, spanning the middle row and column. Inside the red square, there are two horizontal dashed lines. The top dashed line is labeled $u_f.y[1]$ above it, and the bottom dashed line is labeled $u_f.y[]$ below it. A double-headed vertical arrow is positioned between these two dashed lines, with the label c^* centered next to it. A small blue square is located in the bottom-right corner of the red square.

$$u_f.y[1]$$
$$c^*$$
$$u_f.y[]$$