

Diagram illustrating a 2D convolution operation on a 10x10 grid. The grid is divided into three main sections: a gray border (columns 0 and W-1), a white interior, and a blue interior. The blue interior is divided into three vertical columns of blue squares, representing the output of the convolution operation. The grid is labeled with indices 0 and W-1 at the bottom.

Diagram illustrating a weight matrix structure. The matrix is a 10x10 grid of squares. The columns are labeled 0 to W-1 at the bottom. The grid contains gray, white, and blue squares. Gray squares are in the first and last columns, and in the second and ninth columns for rows 1 through 8. White squares are in the second and ninth columns for rows 9 through 10, and in the third through eighth columns for all rows. Blue squares are in the third and eighth columns for rows 1 through 8.

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