

*	*	*	*	*	*
*	*	*	*	*	*
*	1	1	1	*	*
*	1	1	1	*	*
*	*	*	*	*	*

H_{curr}

\longleftrightarrow

W_{curr}



Min Δ Cost
(Best)

*	*	*	B	*	*	*	*
*	*	0	0	*	*	*	*
*	C	*	0	0	A	*	*
*	1	1	1	0	0	*	*
*	1	1	1	0	0	*	*

Conflict!
 $(1 \neq 0)$

Cost ↑
(Bad)

The diagram illustrates a conflict in a convolutional layer. The input tensor H_{curr} has height 5 and width 5, with a 3x3 kernel highlighted in blue. The output tensor shows a conflict at position (C) where the value is 0 instead of 1. This conflict leads to an increase in cost, indicated by the red text "Cost ↑ (Bad)".