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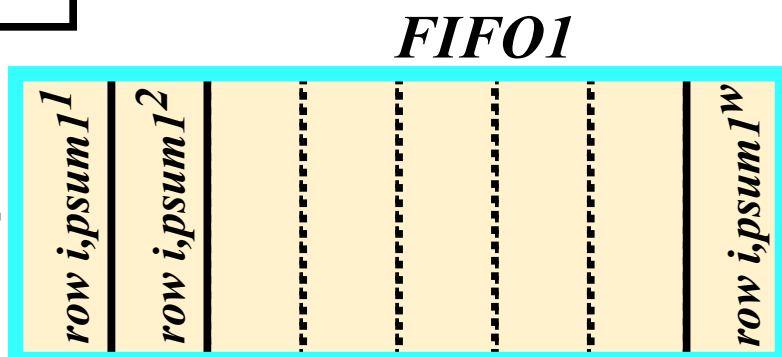
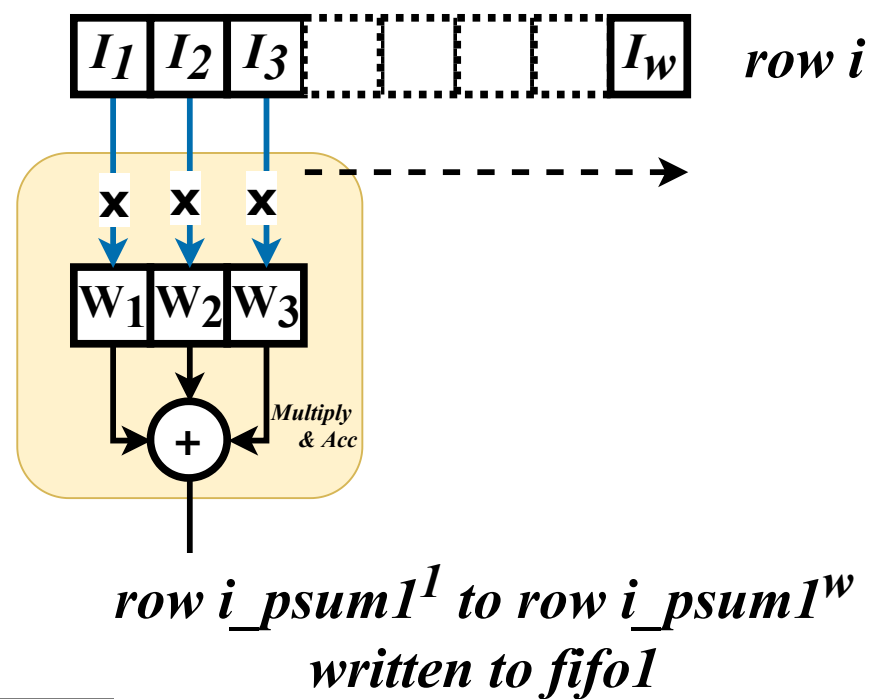
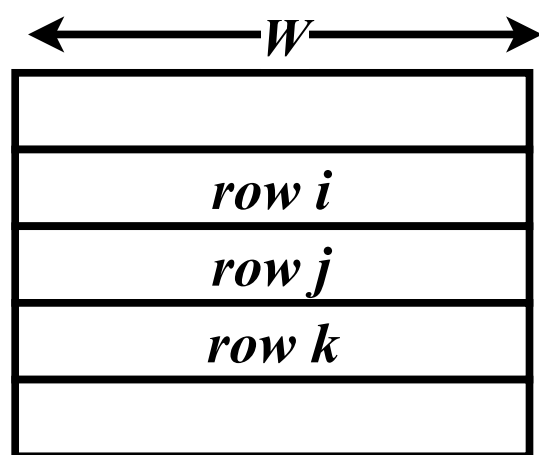
FIFO 1

FIFO 2

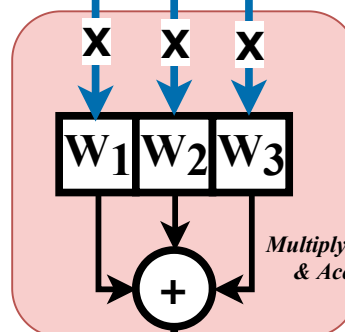
Row i computation

Row j computation

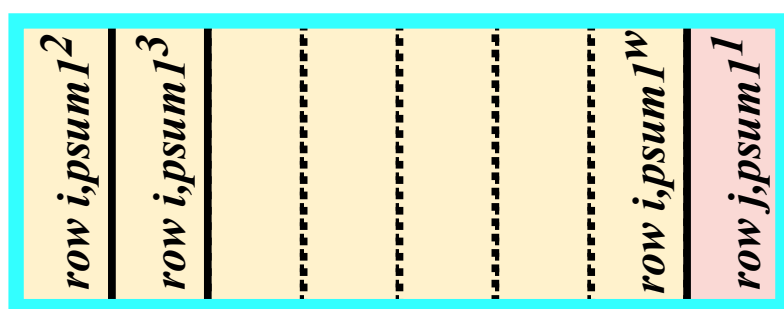
Row k computation



Read $row\ i_psum1^1$ from fifo1 during row j processing



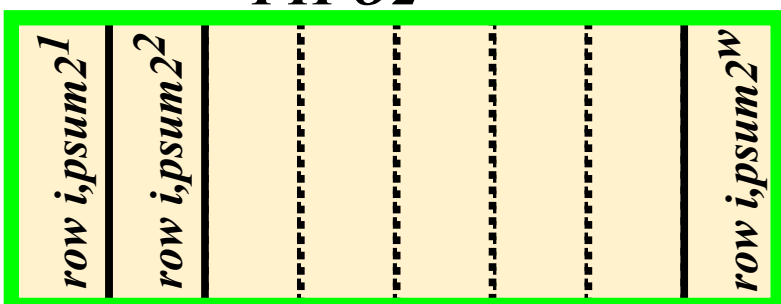
$row\ i_psum2_1$ to $row\ i_psum2_w$ written to fifo2



FIFO1

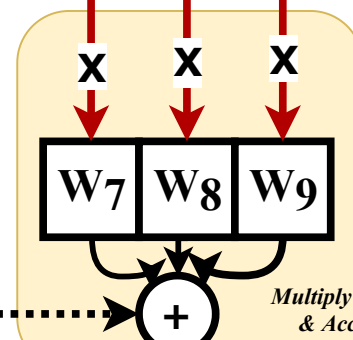
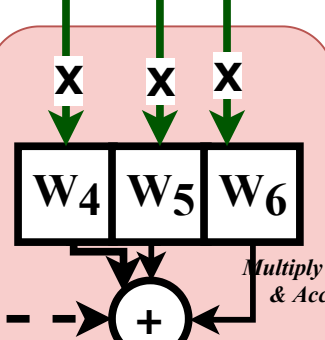
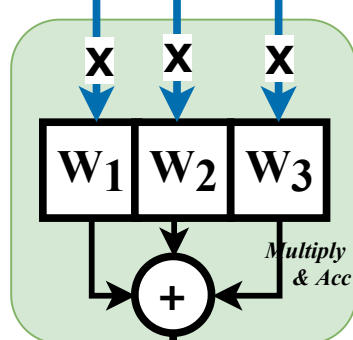
$row\ j_psum1^1$ written to fifo1

FIFO2



Read $row\ j_psum1^1$ from fifo1

$row\ i_psum2_1$ read from fifo2



CONVOLVED OUTPUT

ReLU

FIFO1

FIFO2

