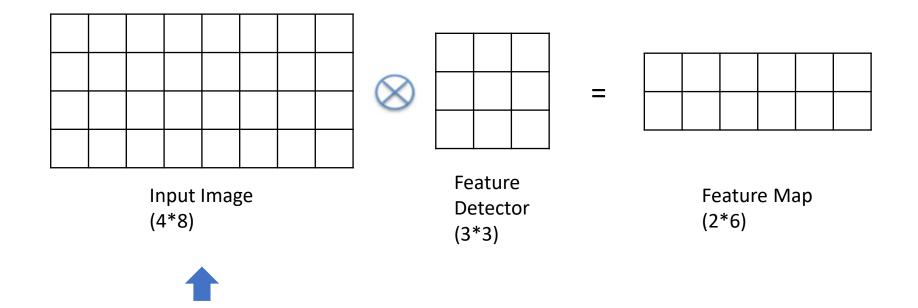
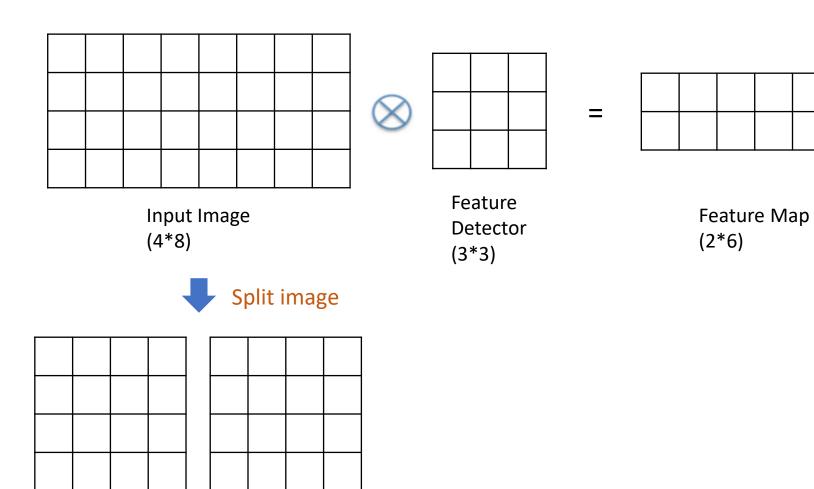
## Research of Al accelerator

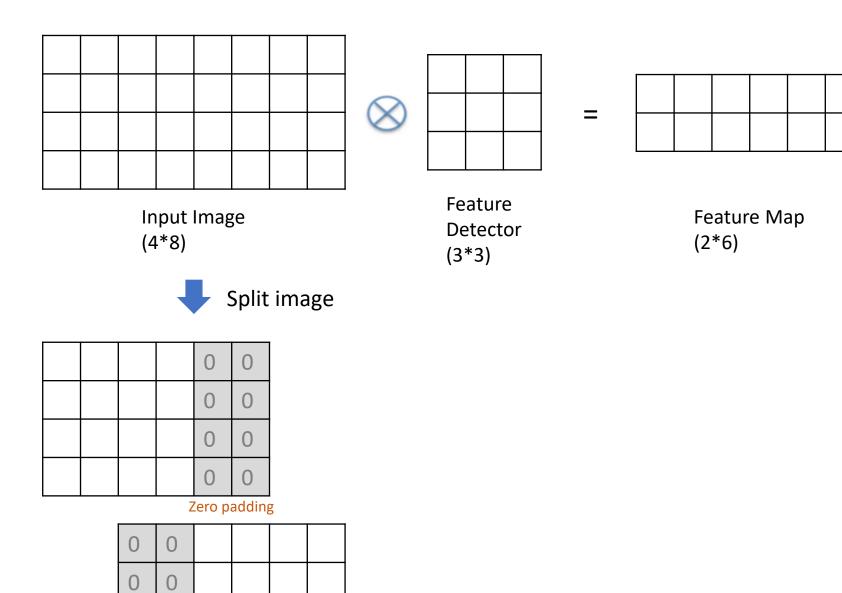
**Con2d Transformation** 



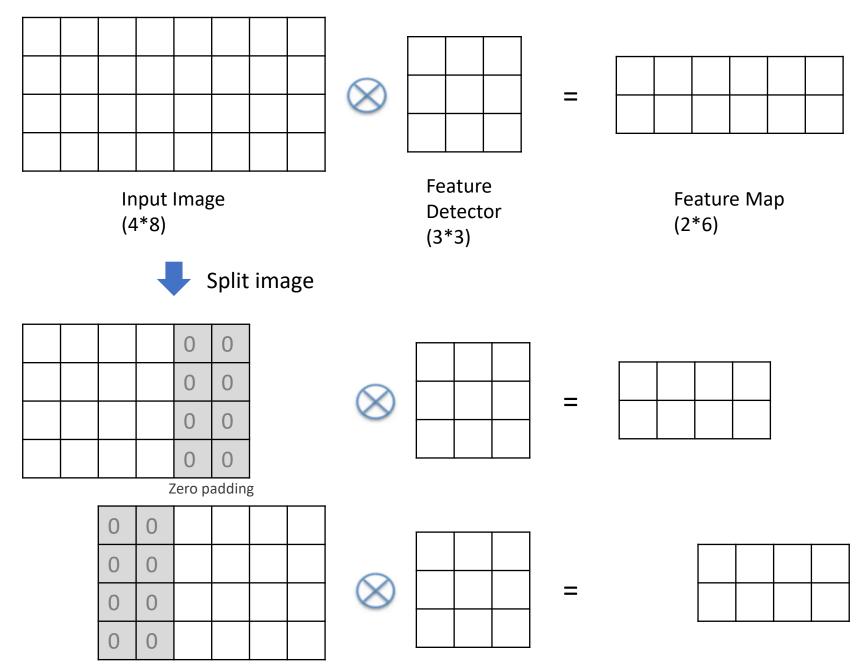
## Split input image with weight

To split input image to fit hardware resource constraints

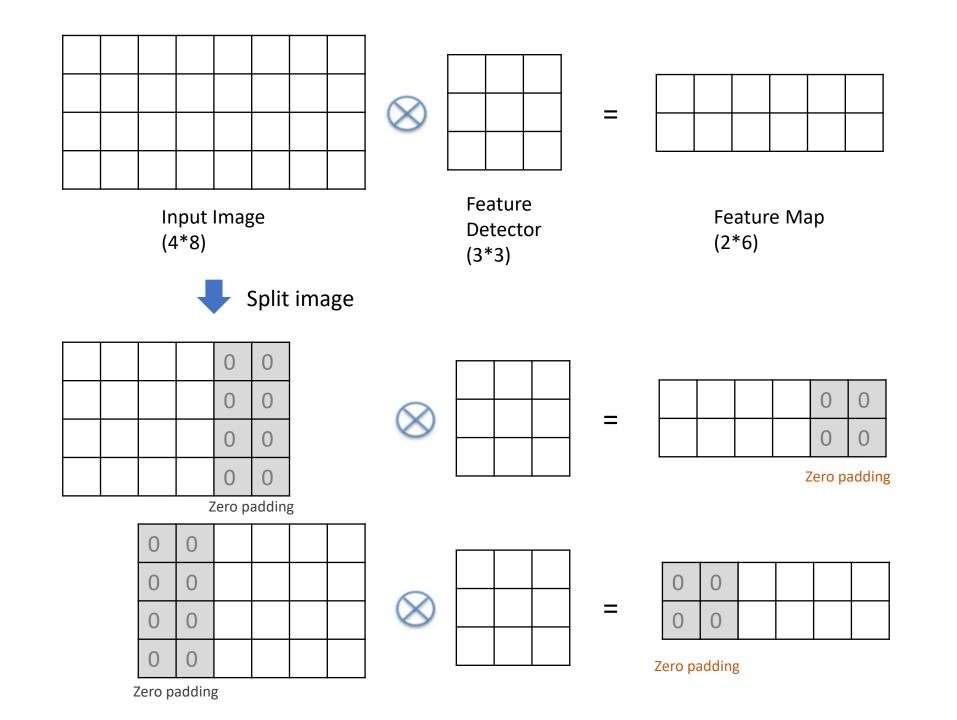


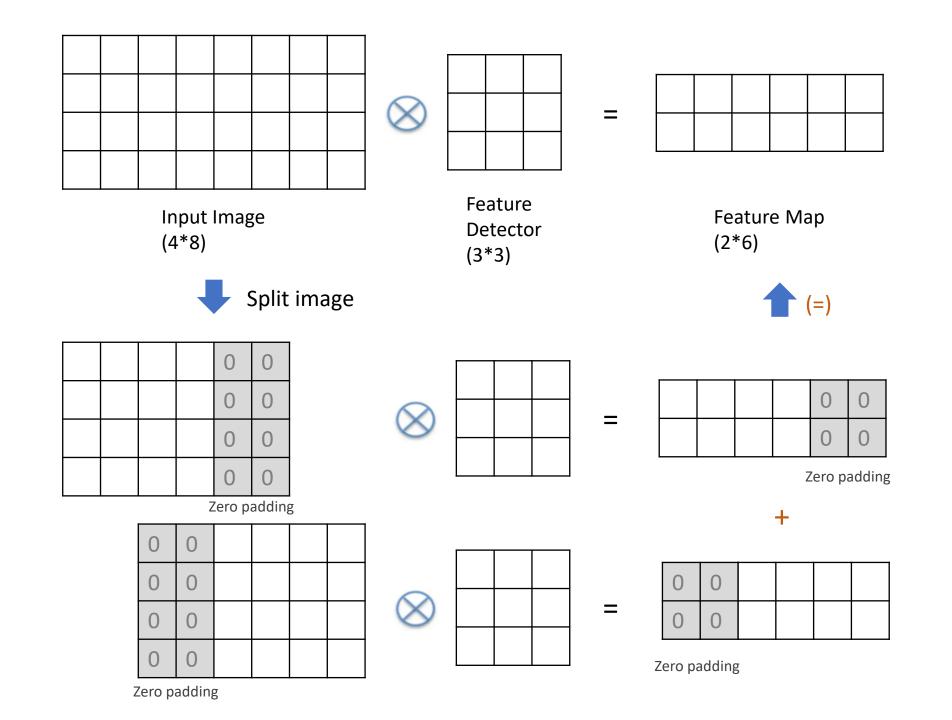


Zero padding



Zero padding





## Follow up

- 1. If the output size is 2 (2\*3), how to split the input image to get the result?
- 2. To consider input s/ weight and output stationary to do the optimization.
- 3. Split input image along height and dimension.