



Diagram illustrating a 2D convolution operation:

- X 3ch**: Input 2D vector (3 channels).
- Filtr 3ch**: 2D filter (3 channels).
- $F * X$** : Intermediate result (3 channels), shown with a curved arrow indicating a shift.
- Stack**: The intermediate result is stacked vertically (3 channels).
- Sum**: The stacked result is summed to produce the final output.
- Z**: Final output (1 element).

