

- Convolution is an operation which applies two functions together. Defined mathematically: $x * h = \sum_l h(l)x(k - l)$
- The algorithm is as follows:

$\forall i \in [0, M)$

$\forall j \in [0, N)$

$n = i - j$

if $(n \in [0, M))$

$y_i += x_n \cdot h_j$