Parameters

H_{in}: Input

K: Kernel

S: Stride

P: Padding

D: Dilation

g: Groups

Constraints

Convolution

$H_{out} = \frac{H_{in} + 2P - D(K-1) - 1}{S} + 1$

Boundary

$H_{in} > K,\ P < H_{in}$

Group

$in\_ch \bmod g = 0$

$out\_ch \bmod g = 0$

Variables

`in_0`

`k_0`

`s_0`

`p_0`

`d_0`

`g`

`out_0`