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Section: 02

Answer 1

Given,

Initial Input size = $1 \times 256 \times 256$

Total filters $k = 6$

Filter size = 8×8 So, $F = 8$

stride $S = 2$

padding $P = 0$

~~Max po~~ Max pool size = 2×2

Now. $1 \times 256 \times 256$

$\downarrow$ 6 filters of size 8×8

$6 \times 125 \times 125$

$\downarrow$ man pooling

$6 \times 6 \times 62 \times 62$

$\downarrow$

$6 \times 6 \times 28 \times 28$

$\downarrow$ man pooling

$6 \times 6 \times 14 \times 16$

$\downarrow$ ~~Ans~~

$6 \times 6 \times 6 \times 4 \times 4$

$\downarrow$ man pooling

$6 \times 6 \times 6 \times 2 \times 2 \longrightarrow$ flattening $= 24$ (A)