

Assignment

\Rightarrow

Stride = 1, Padding = 1, Max polling = $(2, 2)$

For 1st Filter, Padding

0	0	0	0	0	0	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	0	0	0	0	0

*

1	0	1
1	1	1
0	0	1

filter-1

2	3	2	3	1
3	4	3	5	1
3	4	3	5	1
3	4	3	5	1
2	3	3	4	1

For 2nd Filter,

0	0	0	0	0	0	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	0	0	0	0	0

*

0	0	1
1	0	0
0	1	1

filter-2

1	2	2	2	1
2	3	2	3	1
2	3	2	3	1
2	3	2	3	1
1	1	1	2	0

2	3	2	3	1
3	4	3	5	1
3	4	3	5	1
3	4	3	5	1
2	3	3	4	1

+

1	2	2	2	1
2	3	2	3	1
2	3	2	3	1
2	3	2	3	1
1	1	1	2	0

3	5	4	5	2
5	7	5	8	2
5	7	5	8	2
5	7	5	8	2
3	4	4	6	1

erster Filter - 1

1 0 0

0 1 0 1 1

0 1 0 1 1

0	7	8
0	7	8
7	8	

Ergebnis

0 1 0 1 1 Man Polling
(2,2)

0 0 0 0 0 0 0

0

Ergebnis Ans 207

0 0 0 0 0 0 0

0 1 0 1 1 0 0

0 1 0 1 1 0 0

0 1 0 1 1 0 0

Ergebnis

0 1 0 1 1 0 0

0 1 0 1 1 0 0