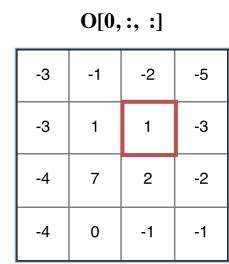
Input volume I									
	I[0,	:, :]							
0	0	0	0	0					
3	1	2	4	0					
2	3	3	4	0					

0 -

F[0,:, :]							
	1	0	1				
	0	-1	-1				
	1	-1	1				

Filter F



Output volume O

I[1,:,:]

0	0	0	0	0	0	
0	1	3	0	2	0	-
0	1	2	2	4	0	
0	3	3	3	1	0	
0	5	0	3	2	0	-
0	0	0	0	0	0	

F[0,:,:] -1 -1 -1 -1

O[1,:,:]

-4
0
-5
4