

K_{11}	K_{12}	K_{13}
K_{21}	K_{22}	K_{23}
K_{31}	K_{32}	K_{33}

3x3 kernel
 $r = 1$

K_{11}	0	K_{12}	0	K_{13}
0	0	0	0	0
K_{21}	0	K_{22}	0	K_{23}
0	0	0	0	0
K_{31}	0	K_{32}	0	K_{33}

3x3 kernel
 $r = 2$

K_{11}	0	0	0	K_{12}	0	0	0	K_{13}
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
K_{21}	0	0	0	K_{22}	0	0	0	K_{23}
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
K_{31}	0	0	0	K_{32}	0	0	0	K_{33}

3x3 kernel
 $r = 4$