

$$y = A * X$$

		0	1	2	3	4	5	6	7	8		0	
0	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	0	0	0	0	0	0	0	0	0	1	1	
2	2	0	0	0	0	0	0	0	0	0	2	2	
3	3	0	0	0	0	0	0	0	0	0	3	3	
4	4	0	0	0	0	0	0	0	0	0	4	4	
5	5	0	0	0	0	0	0	0	0	0	5	5	
		0	1	2	3	4	5	6	7	8		6	
		1	0	1	2	3	4	5	6	7		7	
		2	1	0	1	2	3	4	5	6		8	
		3	2	1	0	1	2	3	4	5			
		4	3	2	1	0	1	2	3	4			
		5	4	3	2	1	0	1	2	3			