

Example from web matrix introduction

x	y	sumxy
1	6	7
0	9	9
2	14	16

z
12
18
28

ip	
34	Inner product

sumy1	sumy2
29	29

newx			newy		
1	0	-1	4	1	1
2	3	1	0	3	2

sumnxy		
5	1	0
2	6	3

prodxy	
3	-2
12	11

kronx					
5	7	0	0	-5	-7
10	14	15	21	5	7

i2	
1	0
0	1

j2	
1	1
1	1

newx2		
6	2	Original matrix
3	4	

inewx2	a	b	
a	0.22	-0.11	Matrix inverse
b	-0.17	0.33	

Some matrix functions

newx			newy		
1	0	-1	4	1	1
2	3	1	0	3	2

z1		
4	1	1
2	3	2

z2		
1	0	0
2	3	1

z3		
1	0	-1
1	1	1

z4	z5
0	1

z6				
1	3	4	5	6

z7	z8		
0	1	0	-1

z9					
1	0	-1	4	1	1
2	3	1	0	3	2

z10		
1	0	-1
2	3	1
4	1	1
0	3	2

z11	z12	z13	z14
3	-1	6	16