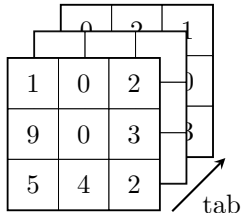


1	0	2
9	0	3
5	4	2

matrix

row	col	val
1	1	1
1	2	0
1	3	2
2	1	9
2	2	0
2	3	3
3	1	5
3	2	4
3	3	2

tidy format



row	col	tab	val
1	1	1	1
1	2	1	0
1	3	1	2
2	1	1	9
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
3	1	3	6
3	2	3	6
3	3	3	3

add another dimension

1	0	2
9	0	3
5	4	

missing

row	col	val
1	1	1
1	2	0
1	3	2
2	1	9
2	2	0
2	3	3
3	1	5
3	2	4

