

	0	1	2	3	
0	0	0	a	0	Col. →
1	0	0	0	0	
2	b	c	0	0	
3	0	0	0	d	
					Row ↓

[Example matrix]

Val.	Col.	Row
a	2	0
b	0	2
c	1	2
d	3	3

[COO format]

Val.	Col.
a	0
0	0
b	c
d	0

2	0
0	0
0	1
3	0

[ELL. Format]