

PartsInCell

	1	2	3	4	...	MaxPartsInCell
1	1	2	5			
2						
...	3	6	7			
Ncells	4					

NPartsInCell

1	2	...	Ncells
3	0	3	1

Particle	Cell
1	1
2	1
3	3
4	4
5	1
6	3
7	3

N=7 Ncells=4