Changing the underlying data layout

	A	B	C
Example: (m, n, k, P) = (8, 8, 8, 8)	0 0 2 2 1 1 3 3	0 0 4 4 2 2 6 6	0 0 1 1 2 2 3 3
	0 0 2 2 1 1 3 3	0 0 4 4 2 2 6 6	0 0 1 1 2 2 3 3
Steps: Parallel(m/2, n/2, k/2)	0 0 2 2 1 1 3 3	0 0 4 4 2 2 6 6	0 0 1 1 2 2 3 3
	0 0 2 2 1 1 3 3	0 0 4 4 2 2 6 6	0 0 1 1 2 2 3 3
	4 4 6 6 5 5 7 7	1 1 5 5 3 3 7 7	4 4 5 5 6 6 7 7
	4 4 6 6 5 5 7 7	1 1 5 5 3 3 7 7	4 4 5 5 6 6 7 7
	4 4 6 6 5 5 7 7	1 1 5 5 3 3 7 7	4 4 5 5 6 6 7 7
	4 4 6 6 5 5 7 7	1 1 5 5 3 3 7 7	4 4 5 5 6 6 7 7

	A	**B**	**C**
	0 0 2 2 1 1 3 3	0 0 4 4 2 2 6 6	0 0 1 1 2 2 3 3
	0 0 2 2 1 1 3 3	0 0 4 4 2 2 6 6	0 0 1 1 2 2 3 3
	0 0 2 2 1 1 3 3	0 0 4 4 2 2 6 6	0 0 1 1 2 2 3 3
	0 0 2 2 1 1 3 3	0 0 4 4 2 2 6 6	0 0 1 1 2 2 3 3
	4 4 6 6 5 5 7 7	1 1 5 5 3 3 7 7	4 4 5 5 6 6 7 7
	4 4 6 6 5 5 7 7	1 1 5 5 3 3 7 7	4 4 5 5 6 6 7 7
	4 4 6 6 5 5 7 7	1 1 5 5 3 3 7 7	4 4 5 5 6 6 7 7
	4 4 6 6 5 5 7 7	1 1 5 5 3 3 7 7	4 4 5 5 6 6 7 7

communication (B):

0 ↔ 4
1 ↔ 5
2 ↔ 6
3 ↔ 7

A	B	C
0 0 2 2 1 1 3 3	0 0 0 0 2 2 2 2	0 0 1 1 2 2 3 3
0 0 2 2 1 1 3 3	0 0 0 0 2 2 2 2	0 0 1 1 2 2 3 3
0 0 2 2 1 1 3 3	0 0 0 0 2 2 2 2	0 0 1 1 2 2 3 3
0 0 2 2 1 1 3 3	0 0 0 0 2 2 2 2	0 0 1 1 2 2 3 3
	1 1 1 1 3 3 3 3	
	1 1 1 1 3 3 3 3	
	1 1 1 1 3 3 3 3	
	1 1 1 1 3 3 3 3	

A

0 0 2 2 1 1 3 3
0 0 2 2 1 1 3 3
0 0 2 2 1 1 3 3
0 0 2 2 1 1 3 3

B

0 0 0 0 | 2 2 2 2
0 0 0 0 | 2 2 2 2
0 0 0 0 | 2 2 2 2
0 0 0 0 | 2 2 2 2
1 1 1 1 | 3 3 3 3
1 1 1 1 | 3 3 3 3
1 1 1 1 | 3 3 3 3
1 1 1 1 | 3 3 3 3

C

0 0 1 1 | 2 2 3 3
0 0 1 1 | 2 2 3 3
0 0 1 1 | 2 2 3 3
0 0 1 1 | 2 2 3 3

communication (A):

0 – 2
1 – 3

0 0 0 0 1 1 1 1
0 0 0 0 1 1 1 1
0 0 0 0 1 1 1 1
0 0 0 0 1 1 1 1

0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0
1 1 1 1
1 1 1 1
1 1 1 1
1 1 1 1

0 0 1 1
0 0 1 1
0 0 1 1
0 0 1 1