RMTs of $\mathcal{R}_i$	Possible Weights of RMTs in			
	$\Gamma_0^{N_{i.j}}$	$\Gamma_1^{N_{i.j}}$	$\Gamma_2^{N_{i.j}}$	$\Gamma_3^{N_{i.j}}$
0	0	0, 1	-1, 0	-1, 0, 1
1	0	0, 1	-1, 0	-1, 0, 1
2	-1, 0	-1, 0, 1	-2, -1, 0	-1, 0
3	-1, 0	-1, 0, 1	-2, -1, 0	-1, 0
4	0, 1	0, 1, 2	-1, 0, 1	0, 1
5	0, 1	0, 1, 2	-1, 0, 1	0, 1
6	-1, 0, 1	0, 1	-1, 0	0
7	-1, 0, 1	0, 1	-1, 0	0