

**3.1. Conversion to induced counts.** The following matrix can be used to commute the number of induced counts from non-induced counts. Matrix entry  $a_{ij}$  corresponds to how many times pattern  $j$  appears in pattern  $i$  as a non-induced pattern.

1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1	4	4	2	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	4	4	0	2	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0
1	5	2	2	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0
0	4	7	0	2	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0
0	6	6	0	0	0	6	0	0	0	0	0	1	0	0	0	0	0	0	0
2	12	6	6	0	6	6	0	0	6	0	1	1	0	0	0	0	0	0	0
1	9	6	3	3	6	3	0	0	3	3	0	0	0	1	0	0	0	0	0
1	10	10	3	6	5	4	1	1	2	2	2	0	0	0	1	0	0	0	0
1	20	24	4	16	12	16	4	2	8	4	12	2	0	0	4	1	4	0	0
0	10	14	0	6	4	8	2	0	2	0	4	1	0	0	0	1	0	0	0
2	20	18	8	12	14	12	2	2	8	10	6	1	1	2	4	0	1	1	0
3	36	36	15	30	30	30	6	6	24	24	24	4	3	6	15	0	9	6	1
5	60	60	30	60	60	60	12	15	60	60	60	10	10	20	30	5	30	30	10

Here, we remove zeros.

[illegible]