	$P_{(a,a,b)}$	$P_{(a,b,a)}$	$P_{(a,b,b)}$	$P_{(a,b,c)}$	$P_{(a,c,a)}$	$P_{(a,c,b)}$	$P_{(b,a,b)}$	$P_{(b,b,a)}$	$P_{(b,c,a)}$	$P_{(b,c,b)}$	$P_{(c,a,a)}$
1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	1	1	1	0	0	0	0	1
3	1	1	1	0	0	0	0	0	1	1	0
4	0	0	1	0	0	0	1	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0

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[a]Here, $P_{(x,x,x)}$ indicates the edges that are not present in the $\mathcal{P}$-graph.