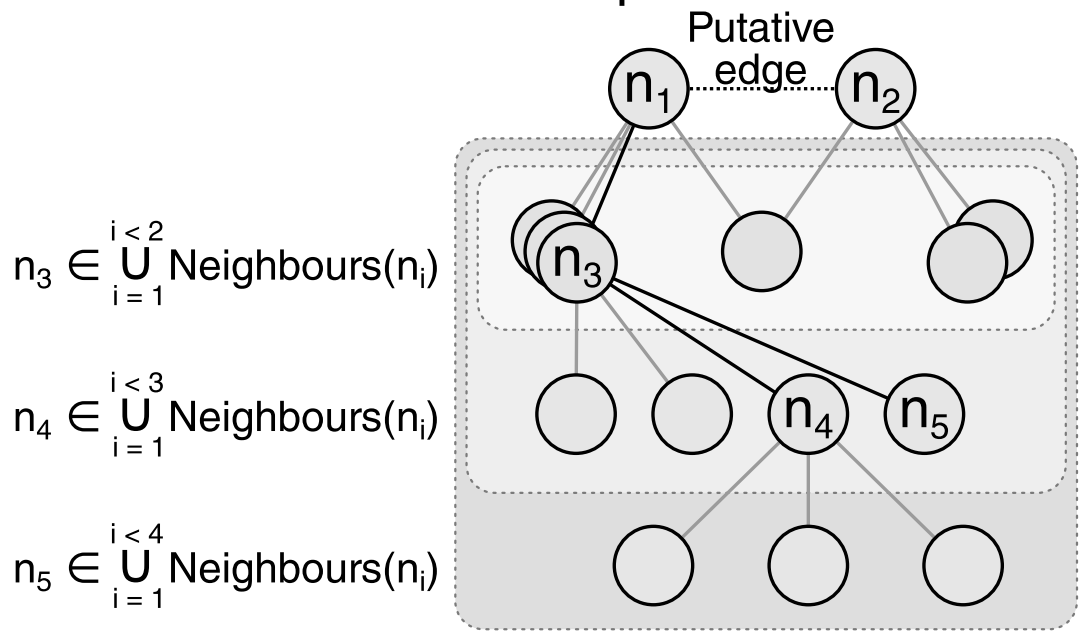
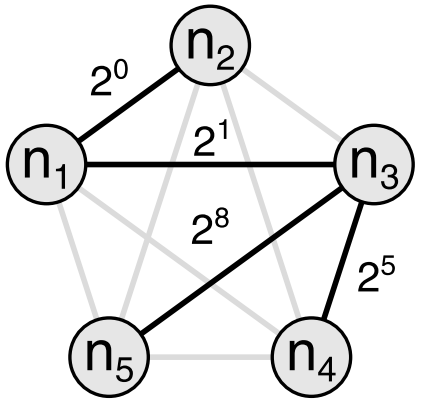
A Iterate over all neighbours recursive depth 3



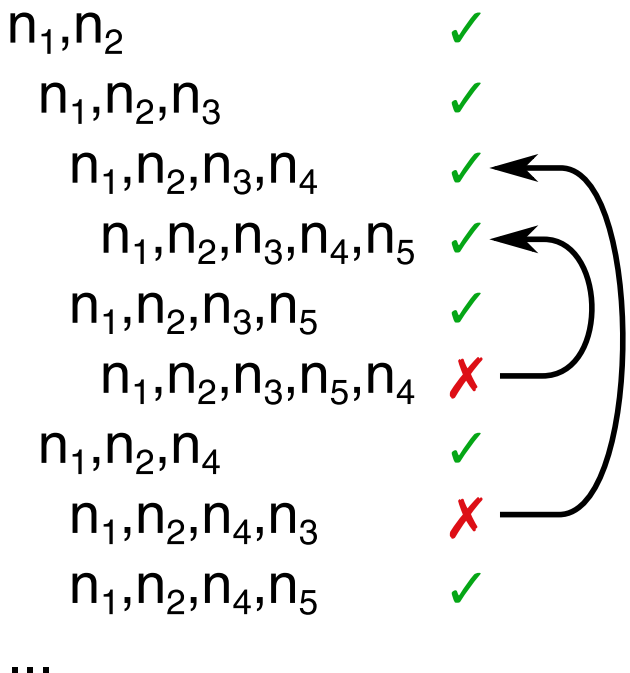
B Convert subgraph to integer and look up graphlet index in table L



$= 291$

$L(291) = G_{10}$

C Don't visit the same combination of neighbours twice



D Use a compressed adjacency matrix to save memory

	n_1	n_2	n_3	n_4	n_5	n_6	n_7	n_8
n_1	0	1	0	1	1	0	1	0
n_2	0	0	0	1	0	1	0	0
n_3	0	1	1	0	0	0	1	0
n_4	1	0	1	1	0	1	1	1
n_5	1	0	0	1	1	1	1	0
n_6	0	1	1	0	1	0	1	0
n_7	0	0	0	0	0	0	1	1
n_8	1	1	0	1	1	0	1	0

=

n_1	90
n_2	20
n_3	98
n_4	183
n_5	158
n_6	106
n_7	3
n_8	218