

Summary

October 9, 2023

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0.1 Loaded Graphs

0.1.1 Goal

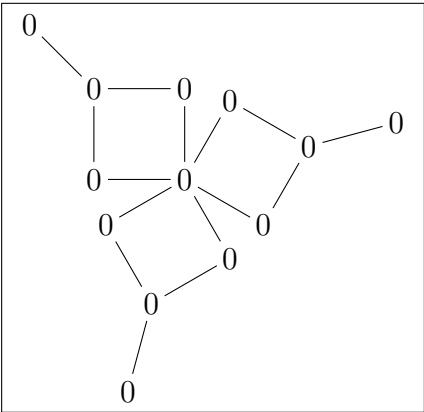
0

File: out/001_g_0_10300000

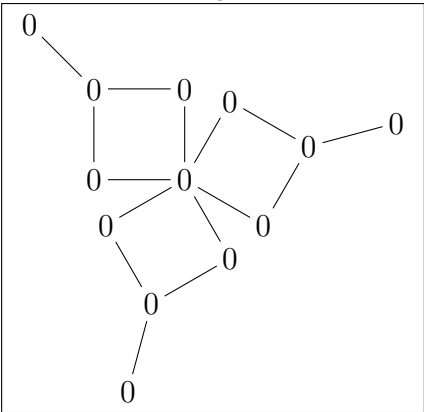
0

File: out/003_g_0_11310100

0.1.2 Start



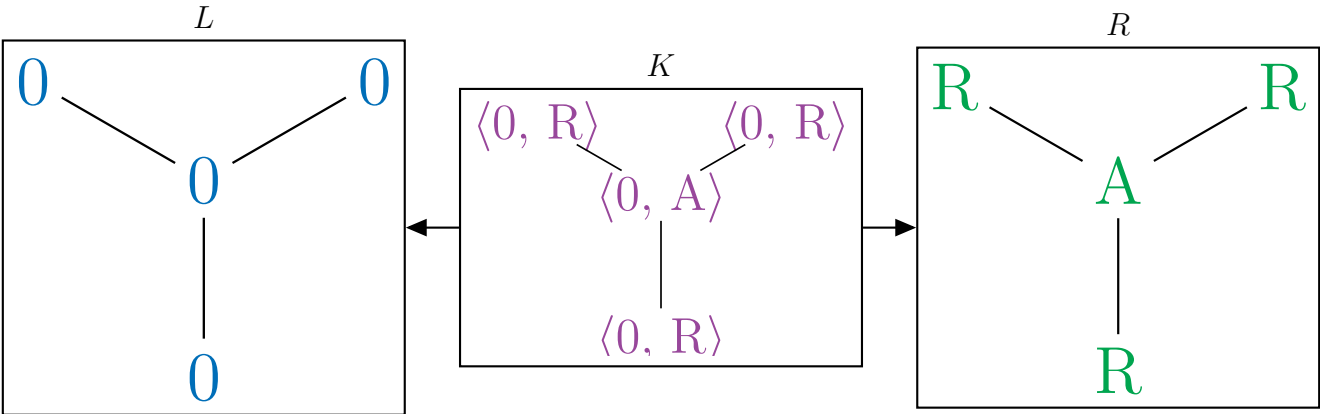
File: out/005_g_1_10300000



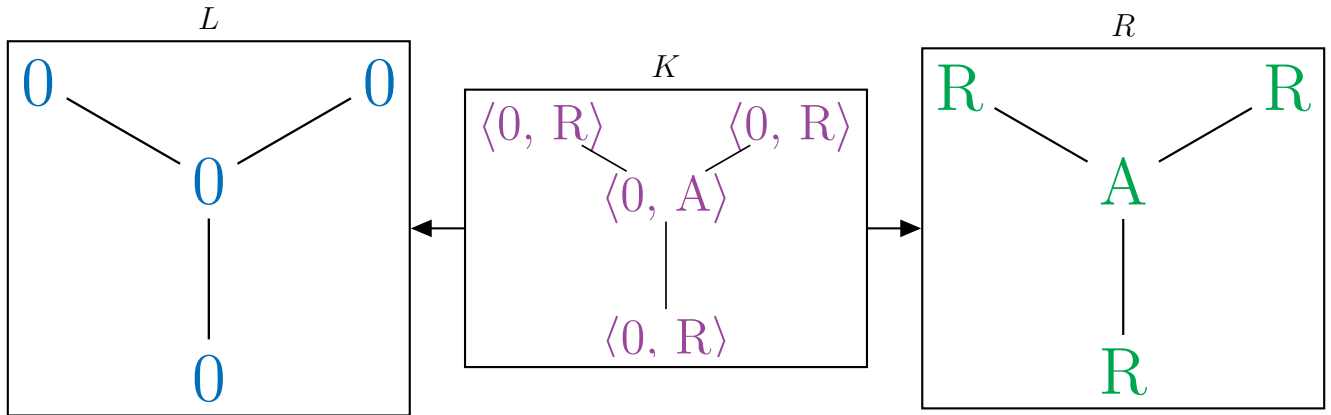
File: out/007_g_1_11310100

0.2 Loaded Rules

0.2.1 Mark for conversion



Files: out/009_r_0_10300000_{L, K, R}



Files: out/011_r_0_11300100_{L, K, R}

$$|\{e \in \text{outEdges}(0)\}| = 3$$

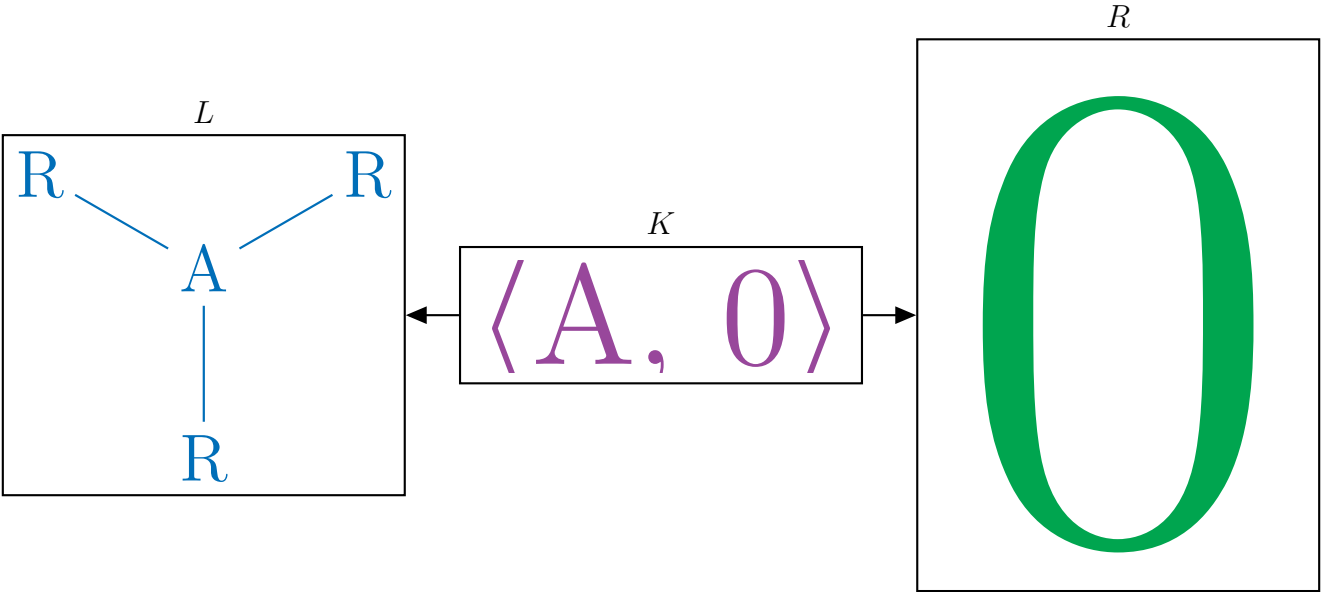
$$|\{e \in \text{outEdges}(0) \mid \text{label}(\text{target}(e)) \in \{ '0' \} \}| = 3$$

$$|\{e \in \text{outEdges}(1) \mid \text{label}(\text{target}(e)) \in \{ 'R', 'A' \} \}| = 0$$

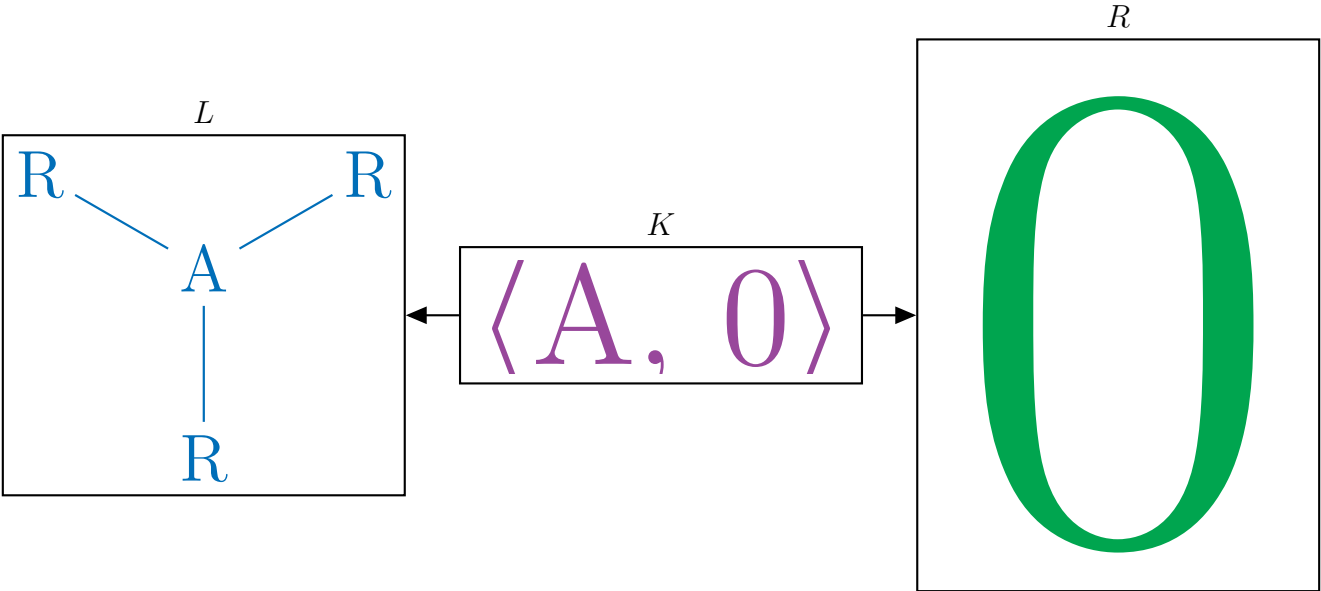
$$|\{e \in \text{outEdges}(2) \mid \text{label}(\text{target}(e)) \in \{ 'R', 'A' \} \}| = 0$$

$$|\{e \in \text{outEdges}(3) \mid \text{label}(\text{target}(e)) \in \{ 'R', 'A' \} \}| = 0$$

0.2.2 Remove R Nodes

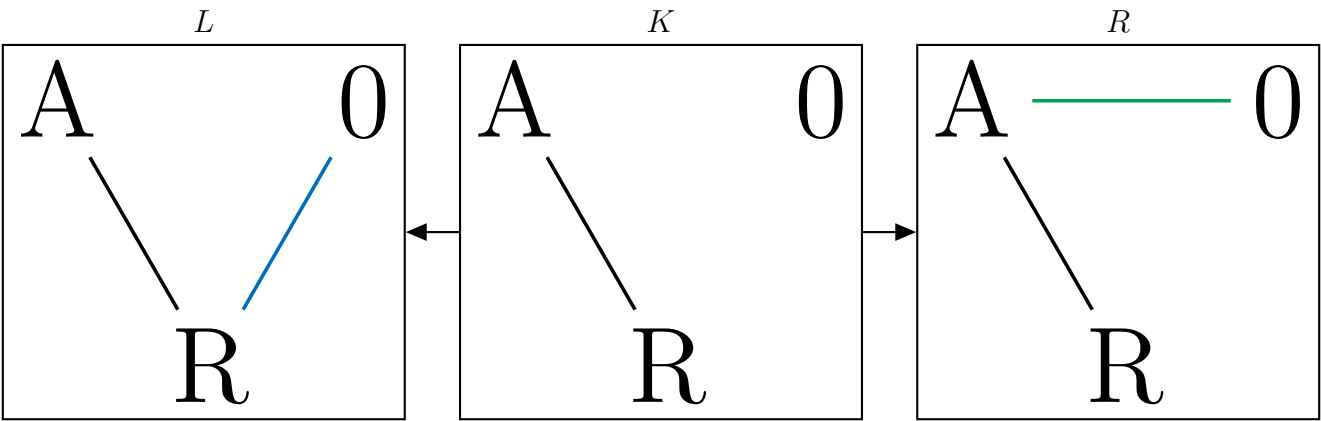


Files: out/014_r_1_10300000_{L, K, R}

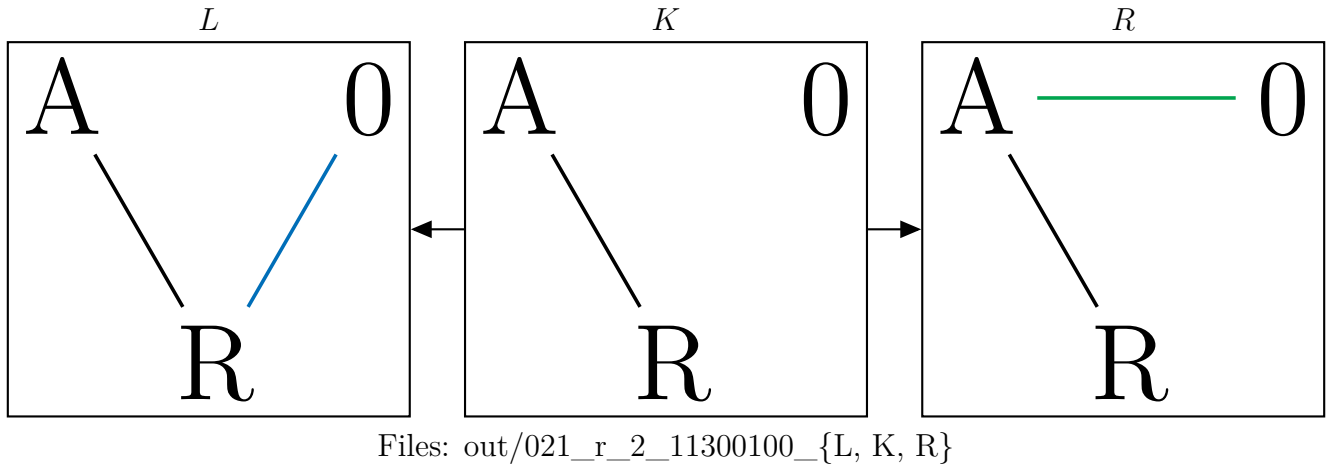


Files: out/016_r_1_11300100_{L, K, R}

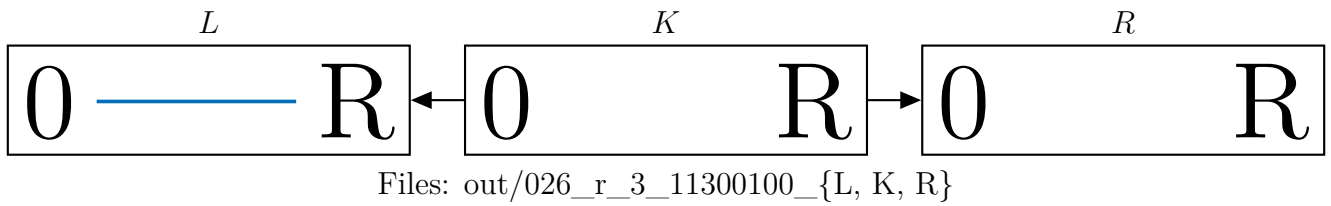
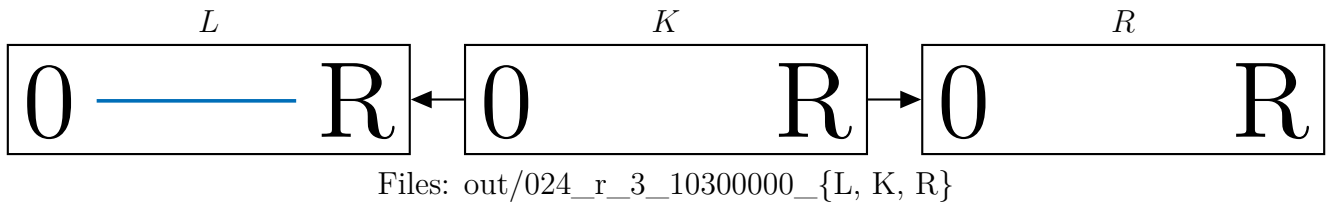
0.2.3 Reattach External Edges



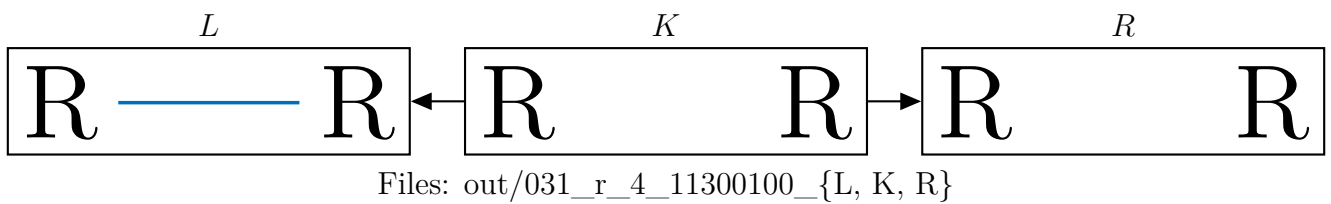
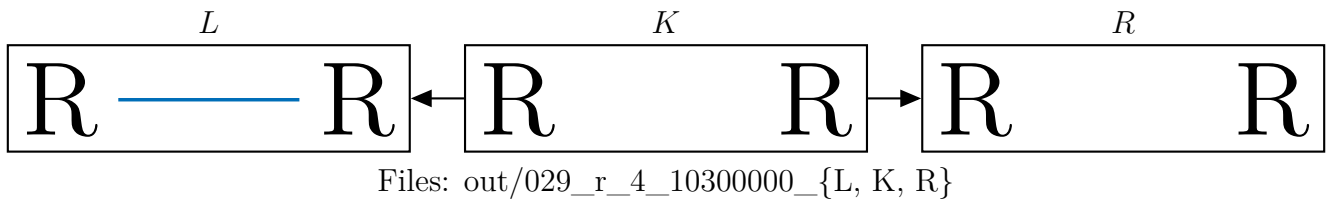
Files: out/019_r_2_10300000_{L, K, R}



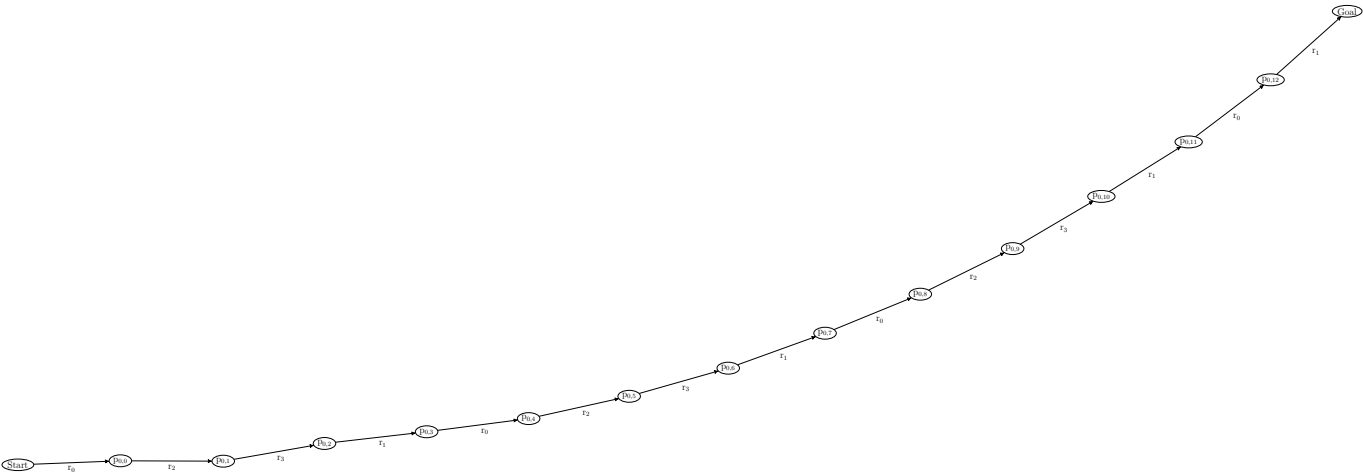
0.2.4 Remove attached edge



0.2.5 Remove Inter R-Node Edges



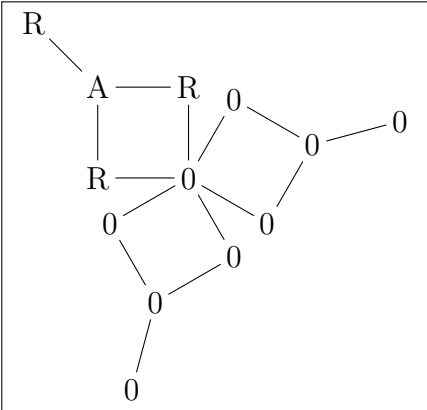
0.2.6 DG Hyper, dg_0



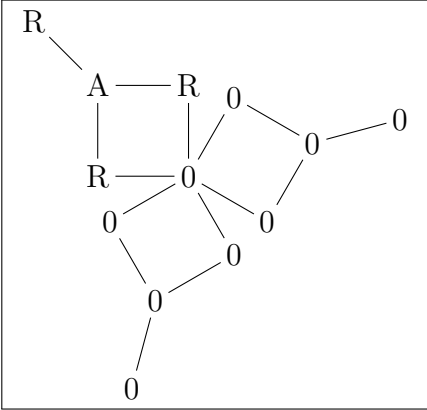
File: out/034_dg_0_10100

0.3 Product Graphs

0.3.1 p_{0,0}

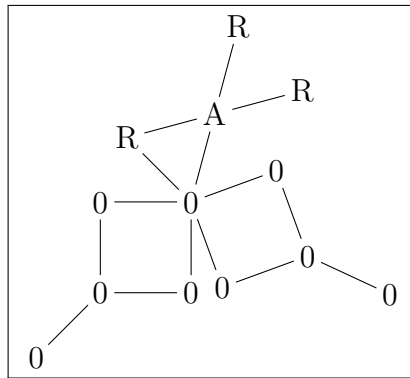


File: out/036_g_2_10300000

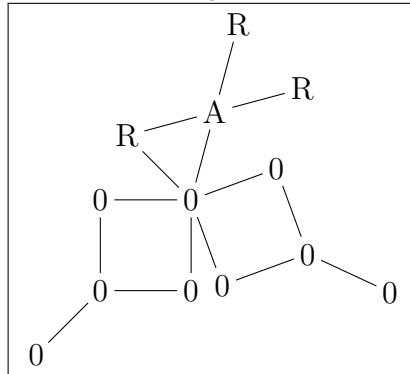


File: out/038_g_2_11310100

0.3.2 $p_{\{0,1\}}$

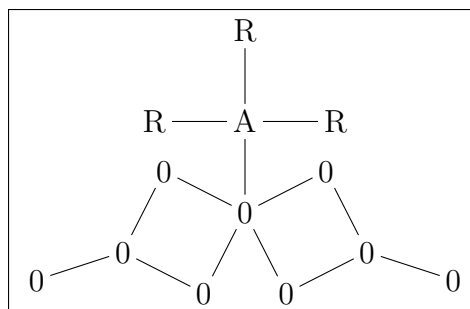


File: out/040_g_20_10300000

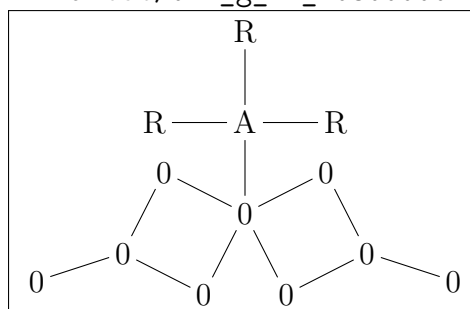


File: out/042_g_20_11310100

0.3.3 $p_{\{0,2\}}$

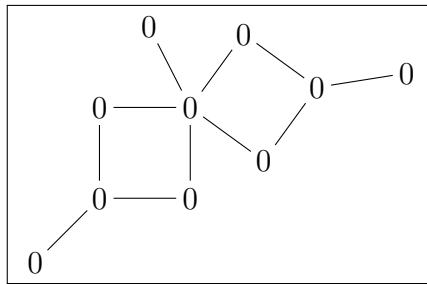


File: out/044_g_22_10300000

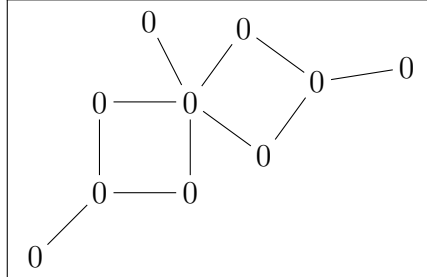


File: out/046_g_22_11310100

0.3.4 $p_{\{0,3\}}$

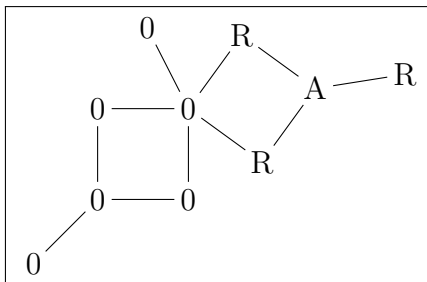


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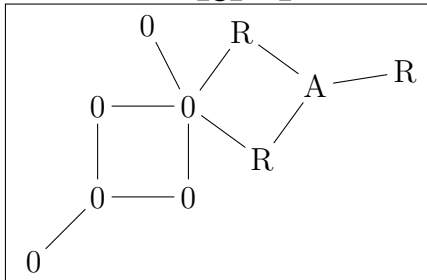


File: out/050_g_23_11310100

0.3.5 $p_{\{0,4\}}$

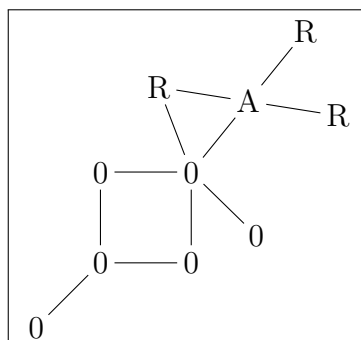


File: out/052_g_29_10300000

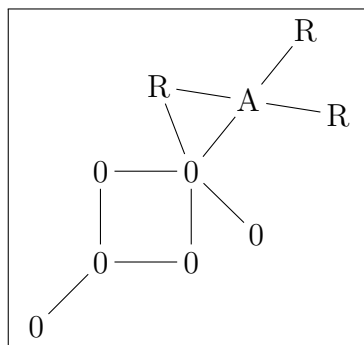


File: out/054_g_29_11310100

0.3.6 $p_{\{0,5\}}$

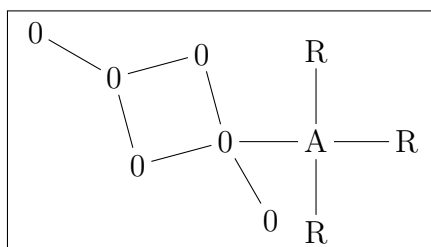


File: out/056_g_41_10300000

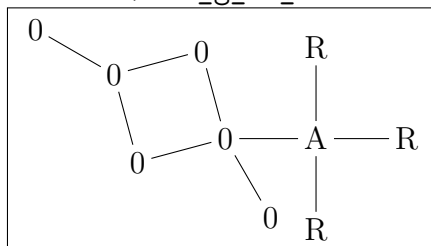


File: out/058_g_41_11310100

0.3.7 $p_{\{0,6\}}$

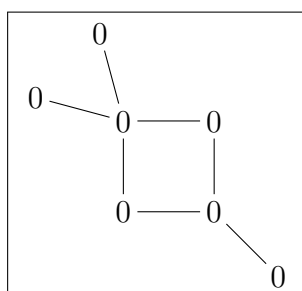


File: out/060_g_43_10300000

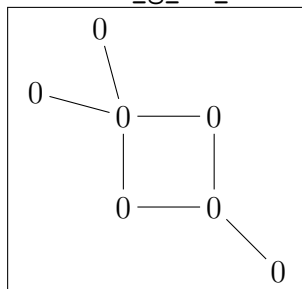


File: out/062_g_43_11310100

0.3.8 $p_{\{0,7\}}$

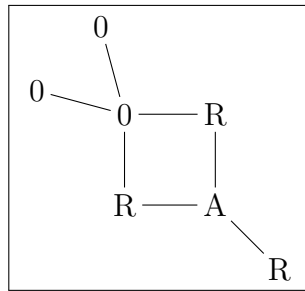


File: out/064_g_44_10300000

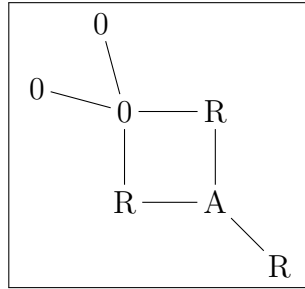


File: out/066_g_44_11310100

0.3.9 $p_{\{0,8\}}$

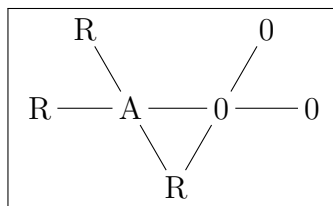


File: out/068_g_50_10300000

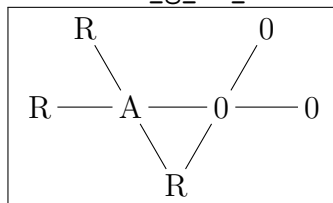


File: out/070_g_50_11310100

0.3.10 $p_{\{0,9\}}$

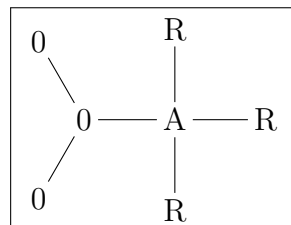


File: out/072_g_56_10300000

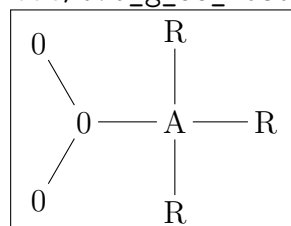


File: out/074_g_56_11310100

0.3.11 $p_{\{0,10\}}$

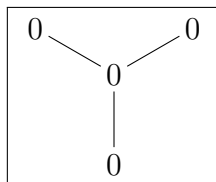


File: out/076_g_58_10300000

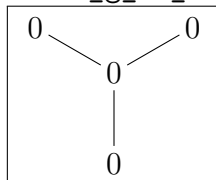


File: out/078_g_58_11310100

0.3.12 $p_{\{0,11\}}$

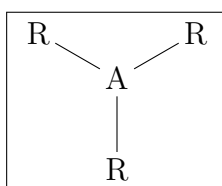


File: out/080_g_59_10300000

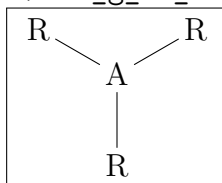


File: out/082_g_59_11310100

0.3.13 $p_{\{0,12\}}$



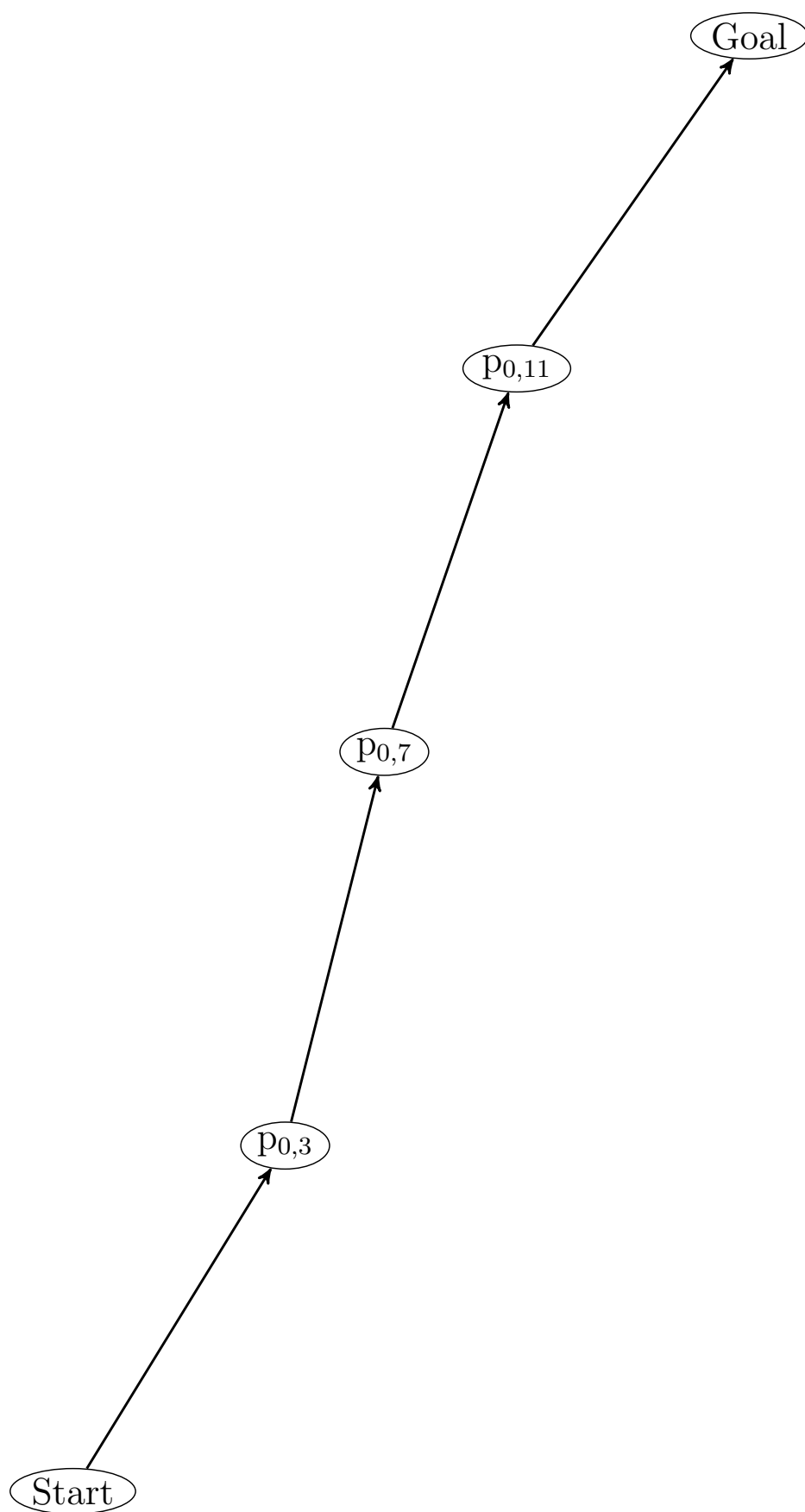
File: out/084_g_65_10300000



File: out/086_g_65_11310100

0.4 Contracted Move Space

0.4.1 DG Hyper, dg_1



File: out/088_dg_1_10100

0.5 Flow Solutions, id 0

0.5.1 Solution 0

Overall Data

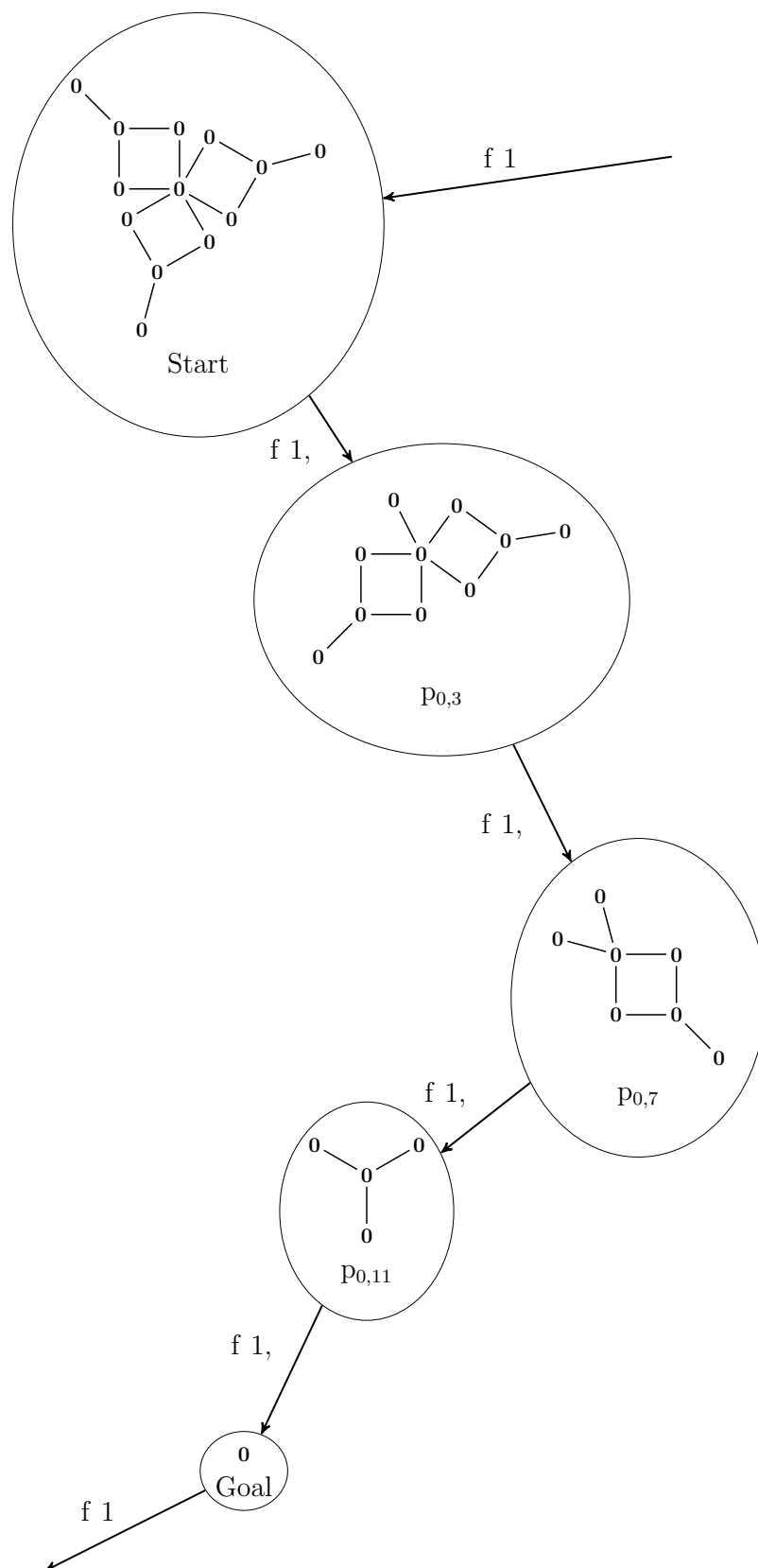
Objective value (integral): 5

Vertex/Graph In Out

Goal	0	1
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Start	1	0
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Filtered Graph



File: out/097_dg_1_11100_f_0_0_filt