

Summary

October 16, 2019

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0.1 Loaded Graphs

0.1.1 Goal

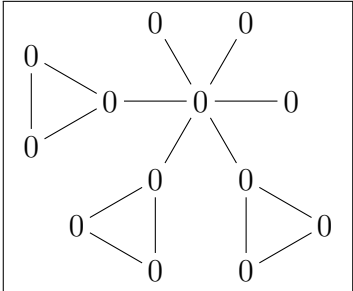
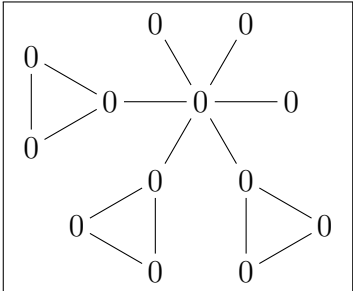
0

 File: out/000_g_0_10300000

0

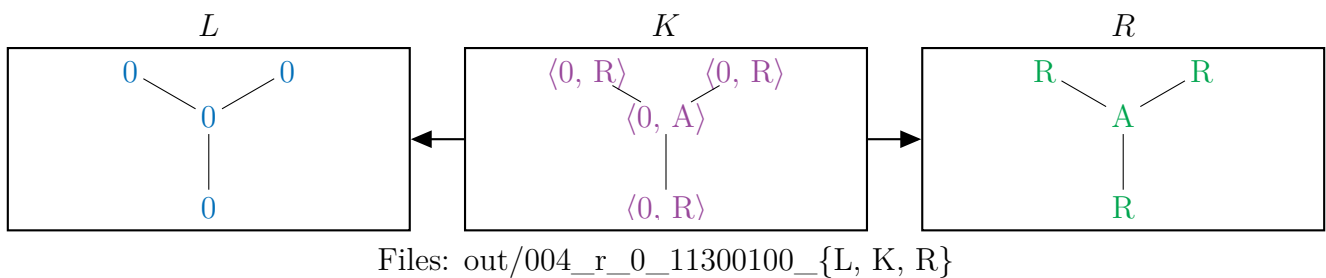
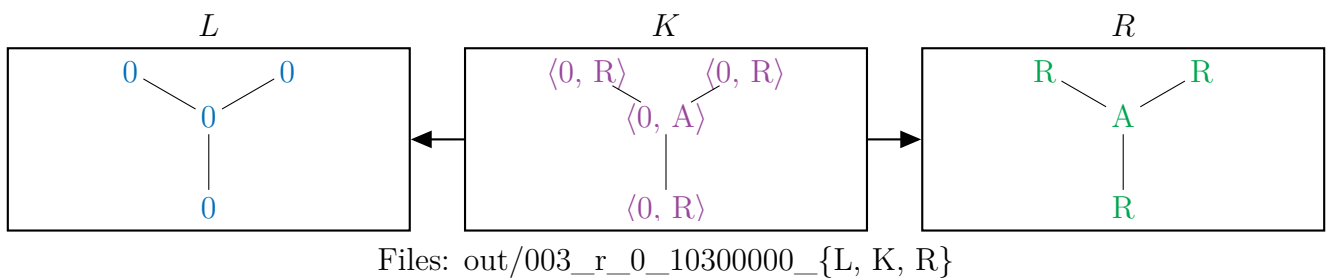
 File: out/000_g_0_11310100

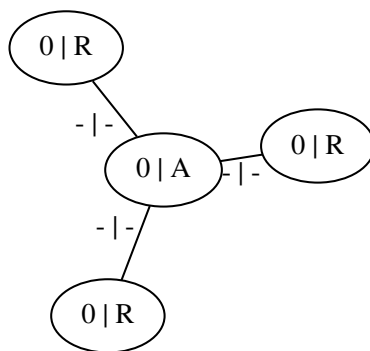
0.1.2 Start


 File: out/001_g_1_10300000

 File: out/001_g_1_11310100

0.2 Loaded Rules

0.2.1 Mark for conversion





File: out/005_r_0_combined

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

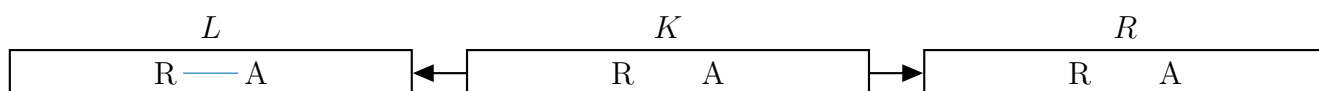
$$|\{e \in \text{outEdges}(0) \mid \text{label}(\text{target}(e)) \in \{'0'\}\}| = 3$$

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

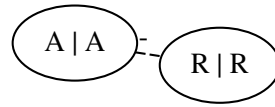
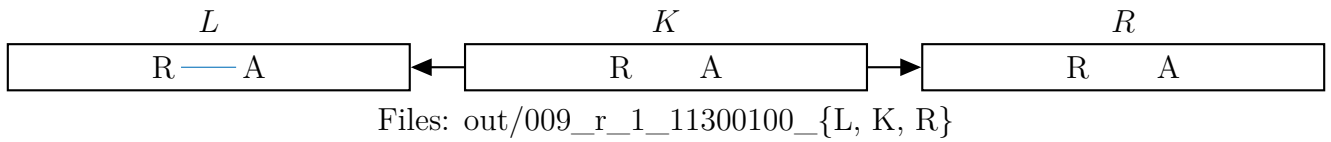
$$|\{e \in \text{outEdges}(2) \mid \text{label}(\text{target}(e)) \in \{'R', 'A'\}\}| = 0$$

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

0.2.2 RemoveSingleR



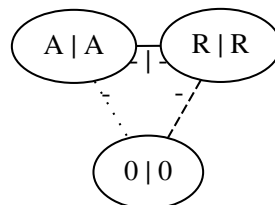
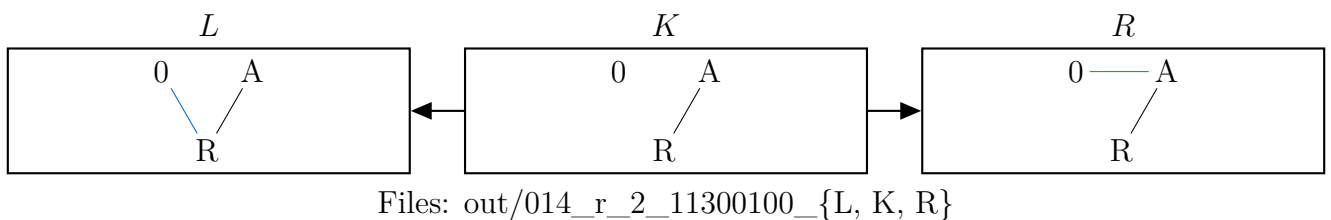
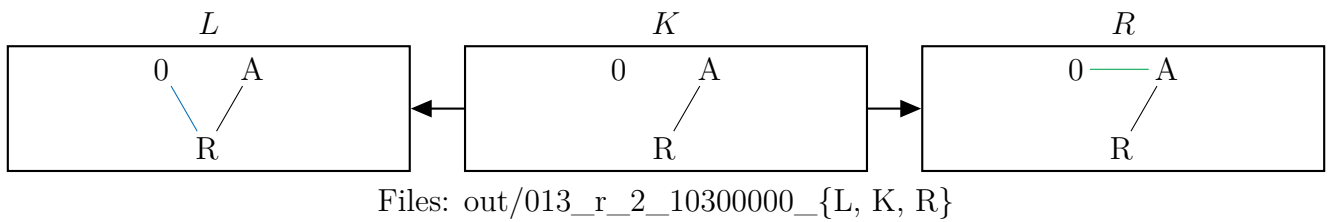
Files: out/008_r_1_10300000_{L, K, R}



File: out/010_r_1_combined

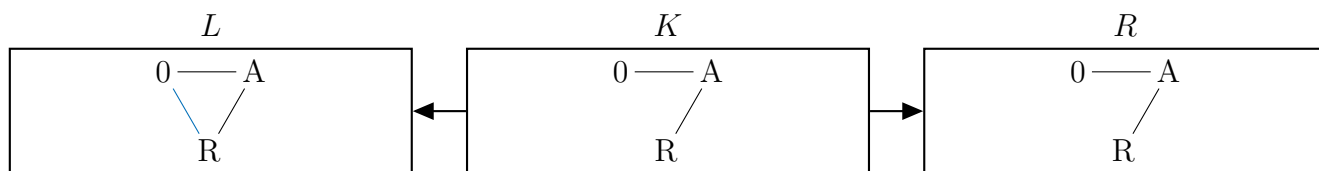
$|\{e \in \text{outEdges}(1) \mid$
 $\text{label}(\text{target}(e)) \in \{ '0', 'R' \}$
 $\}| = 0$

0.2.3 reattachExternalEdge

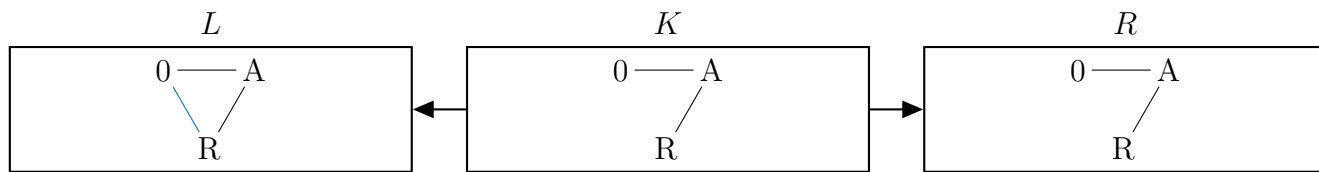


File: out/015_r_2_combined

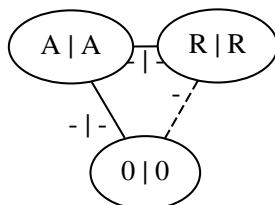
0.2.4 removeAlreadyAttached



Files: out/018_r_3_10300000_{L, K, R}

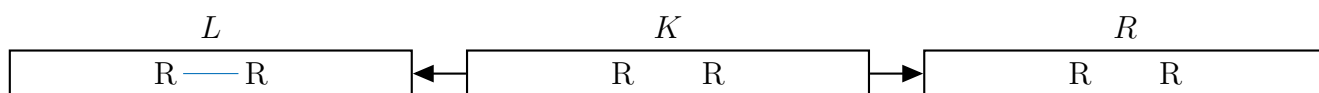


Files: out/019_r_3_11300100_{L, K, R}

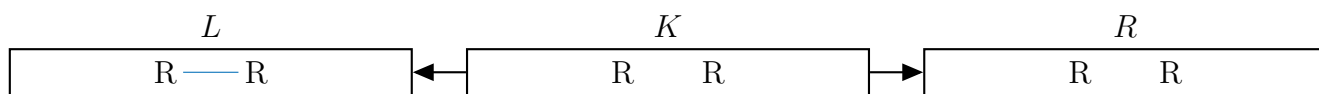


File: out/020_r_3_combined

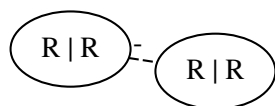
0.2.5 removeInterREdge



Files: out/023_r_4_10300000_{L, K, R}



Files: out/024_r_4_11300100_{L, K, R}

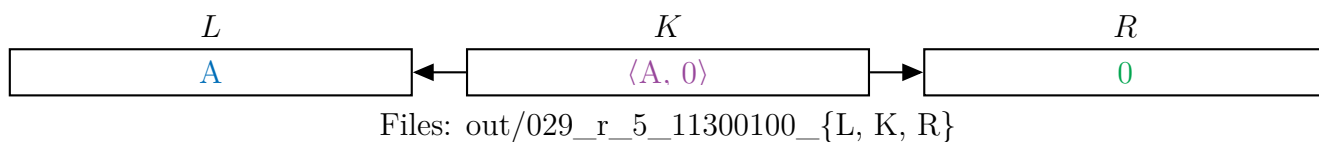
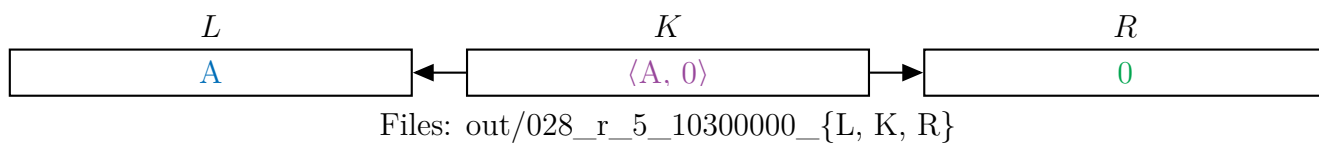


File: out/025_r_4_combined

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

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

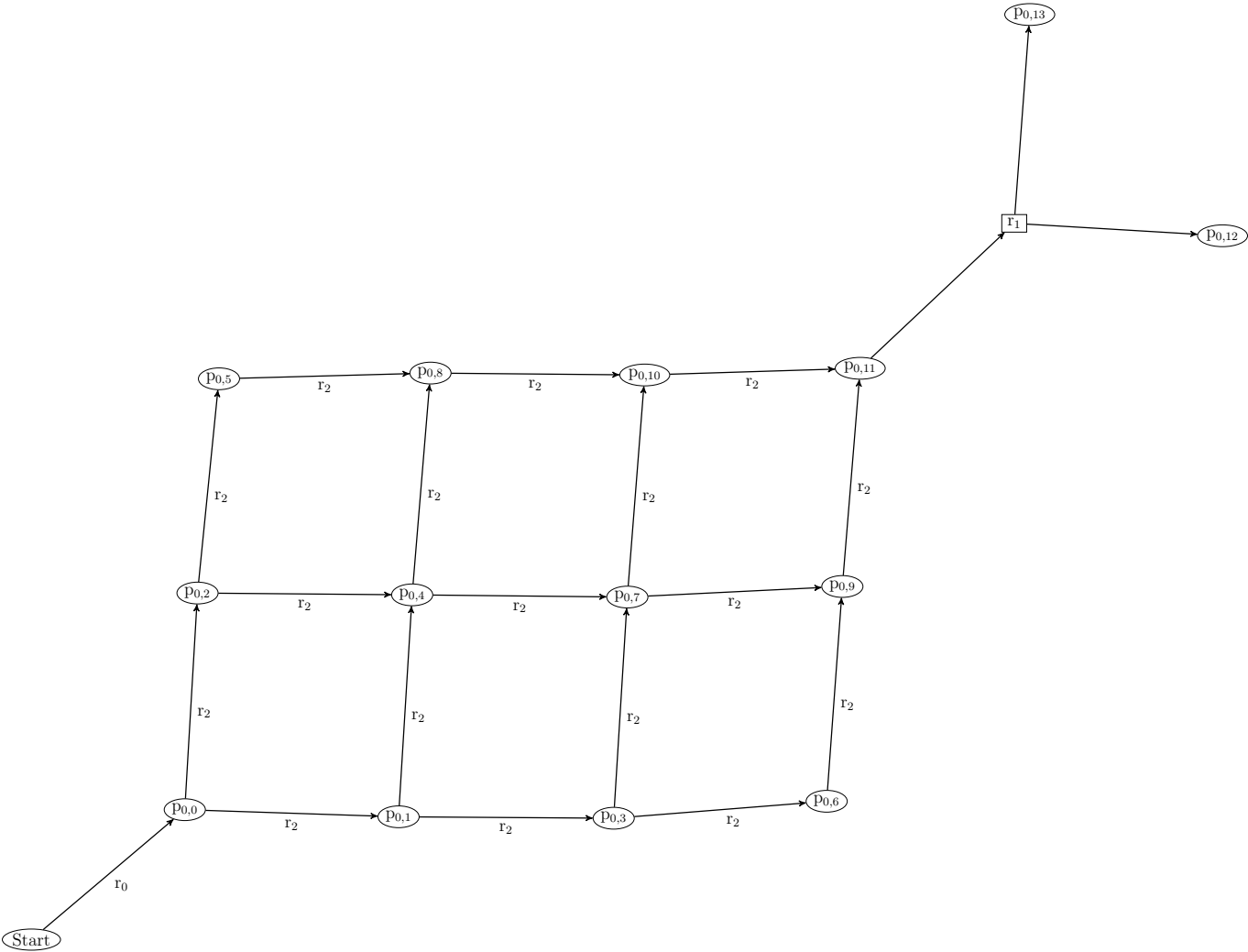
0.2.6 unmarkCollapsedNode



File: out/030_r_5_combined

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

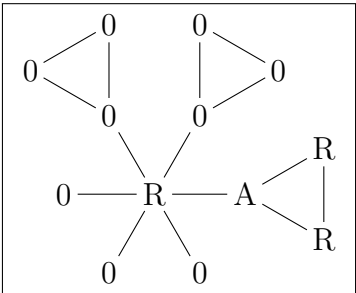
0.2.7 DG Hyper, dg_0



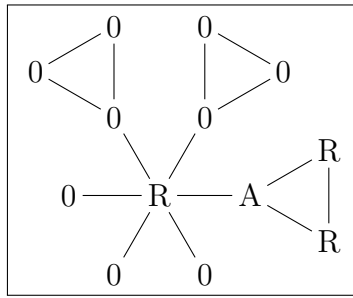
File: out/033_dg_0_10100

0.3 Product Graphs

0.3.1 $p_{\{0,0\}}$

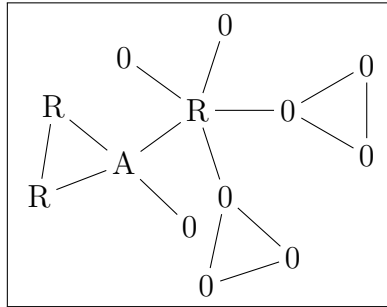


File: out/034_g_2_10300000

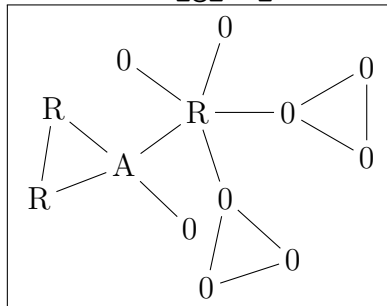


File: out/034_g_2_11310100

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

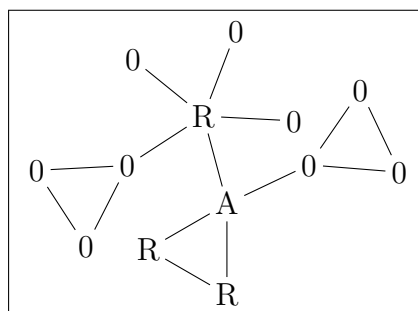


File: out/035_g_20_10300000

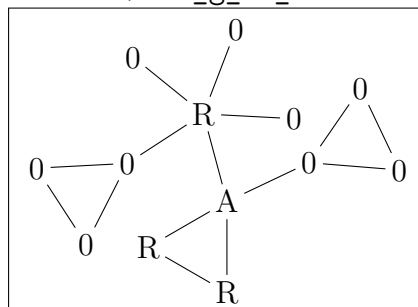


File: out/035_g_20_11310100

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

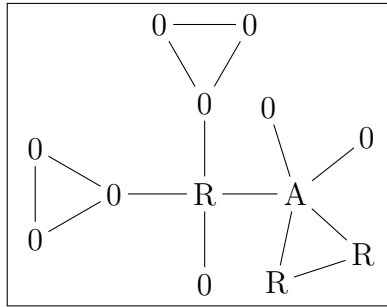


File: out/036_g_23_10300000

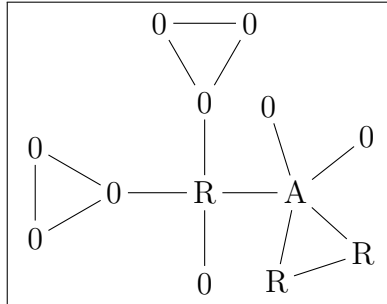


File: out/036_g_23_11310100

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

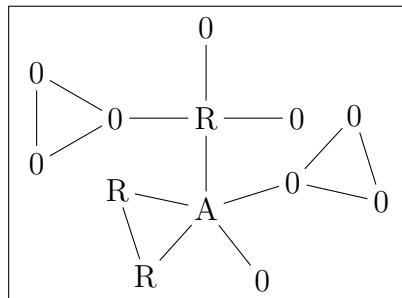


File: out/037_g_25_10300000

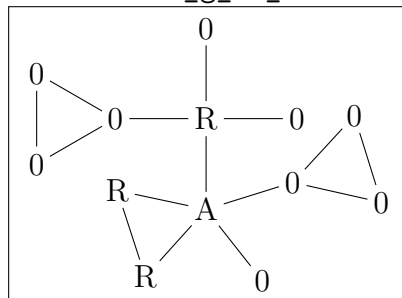


File: out/037_g_25_11310100

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

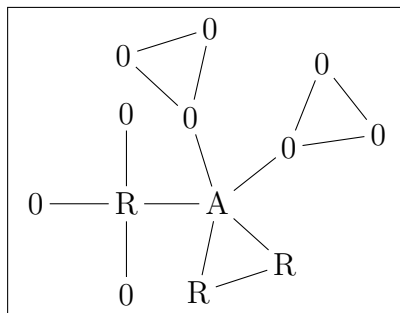


File: out/038_g_27_10300000

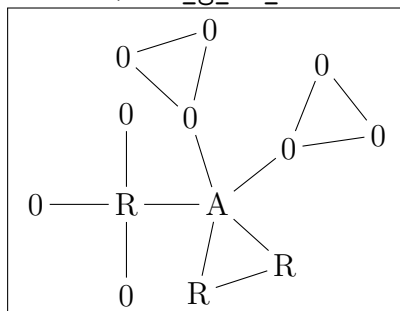


File: out/038_g_27_11310100

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

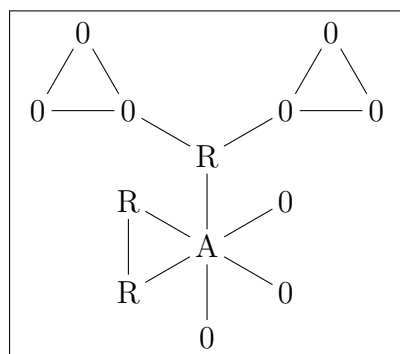


File: out/039_g_32_10300000

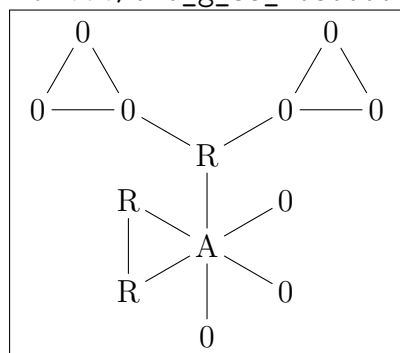


File: out/039_g_32_11310100

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

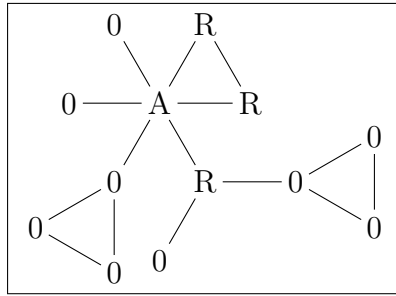


File: out/040_g_33_10300000

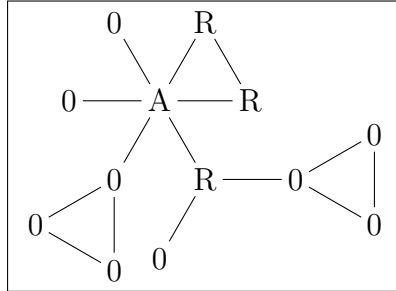


File: out/040_g_33_11310100

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

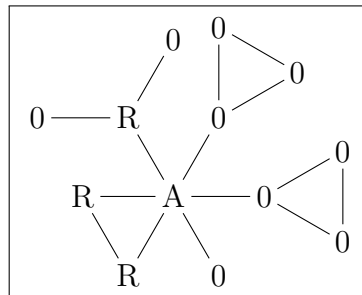


File: out/041_g_34_10300000

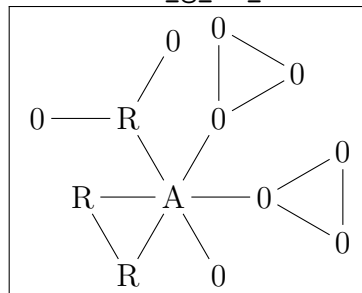


File: out/041_g_34_11310100

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

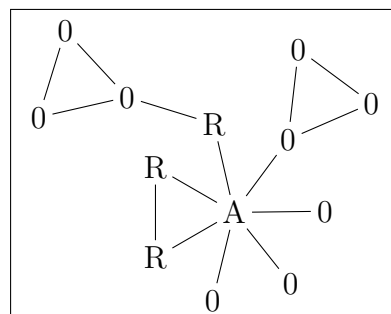


File: out/042_g_38_10300000

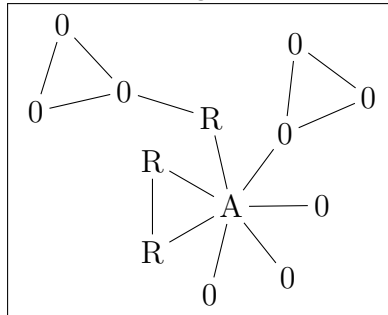


File: out/042_g_38_11310100

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

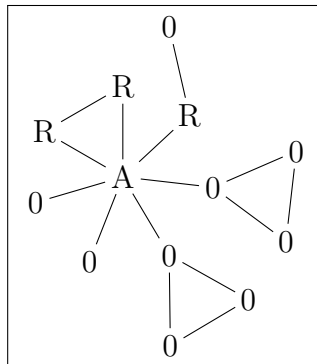


File: out/043_g_42_10300000

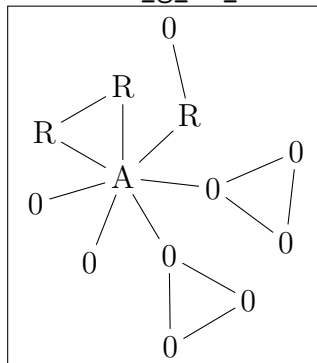


File: out/043_g_42_11310100

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

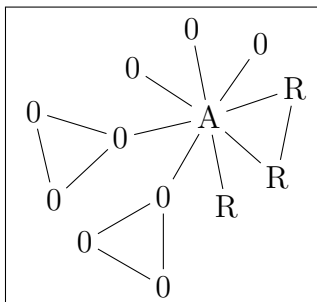


File: out/044_g_45_10300000

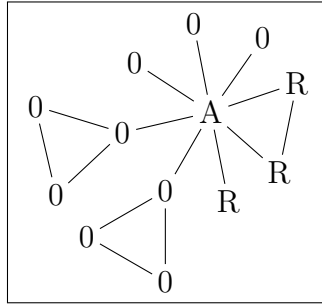


File: out/044_g_45_11310100

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



File: out/045_g_48_10300000



File: out/045_g_48_11310100

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

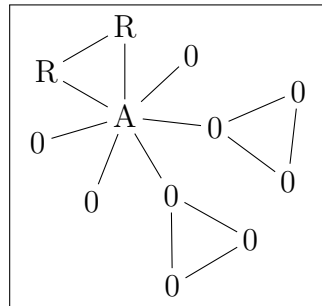
R

File: out/046_g_50_10300000

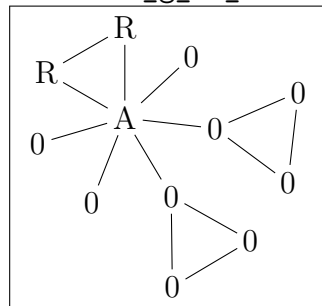
R

File: out/046_g_50_11310100

0.3.14 $p_{\{0,13\}}$



File: out/047_g_51_10300000



File: out/047_g_51_11310100

0.4 Flow Solutions, id 0