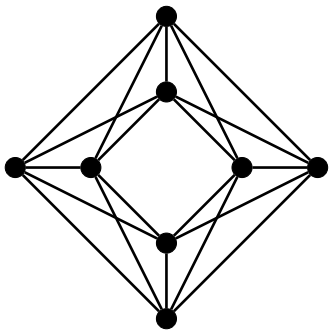

Figure 1: pegasus_v_chimera_uc.tikz: shows extra edges added to chimera unit cell to make Pegasus unit cell

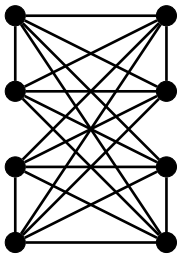

Figure 2: pegasus_v_chimera_uc_k44.tikz: shows extra edges added to chimera unit cell to make Pegasus unit cell

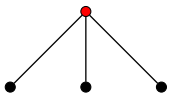

Figure 3: all_to_aux.tikz

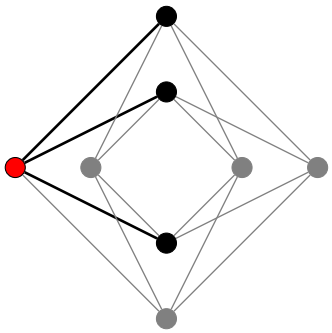

Figure 4: all_to_aux_chimera.tikz

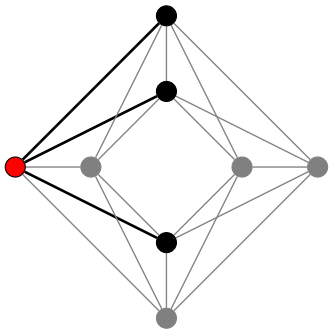

Figure 5: all_to_aux_pegasus.tikz

Gadgets with adjacency graph corresponding to all_to_aux.tikz():

- NTR-KZFD
- NTR-ABCG

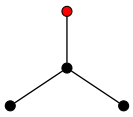

Figure 6: logical_fork.tikz

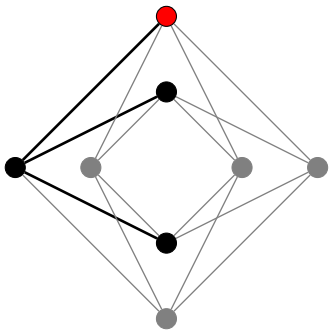

Figure 7: logical_fork_chimera.tikz

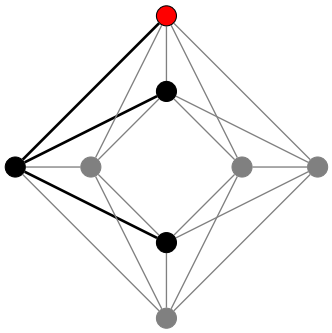

Figure 8: logical_fork_pegasus.tikz

Gadgets with adjacency graph corresponding to logical_fork.tikz():

- NTR-ABCB

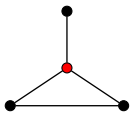

Figure 9: k4_missing_2edge.tikz

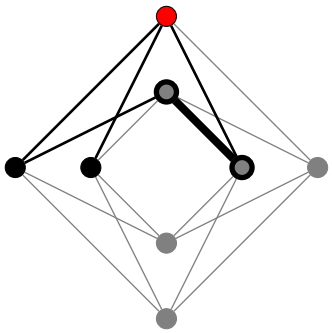

Figure 10: k4_missing_2edge_chimera.tikz

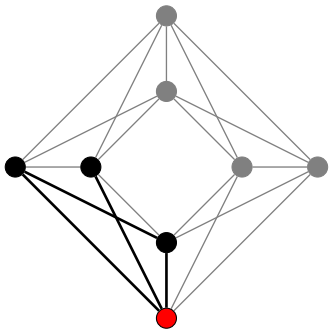

Figure 11: k4_missing_2edge_pegasus.tikz

Gadgets with adjacency graph corresponding to k4_missing_2edge.tikz():

- Asymmetric reduction

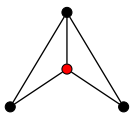

Figure 12: k4_missing_edge.tikz

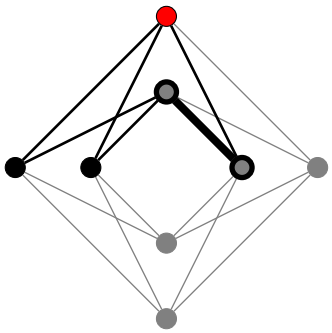

Figure 13: k4_missing_edge_chimera.tikz

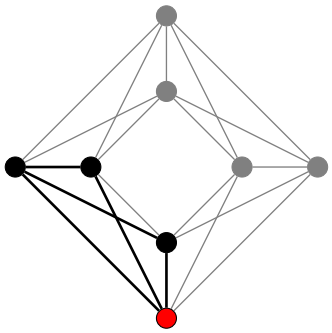

Figure 14: k4_missing_edge_pegasus.tikz

Gadgets with adjacency graph corresponding to k4_missing_edge.tikz():

- Asymmetric cubic reduction

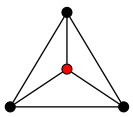

Figure 15: k4.tikz

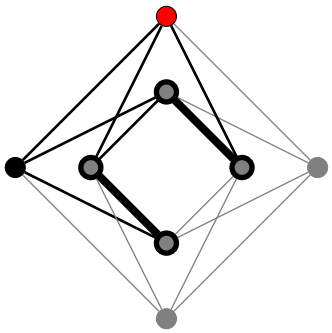

Figure 16: k4_chimera.tikz

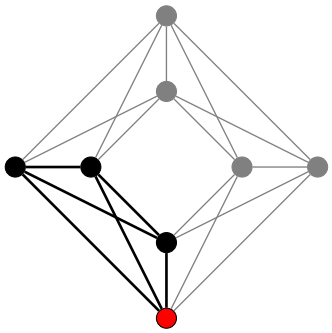

Figure 17: k4_pegasus.tikz

Gadgets with adjacency graph corresponding to k4.tikz(△):

- PTR-Ishikawa
- PTR-BCR (1-4)
- PTR-KZ
- Z version of PTR-KZ

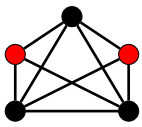

Figure 18: k5_missing_edge.tikz

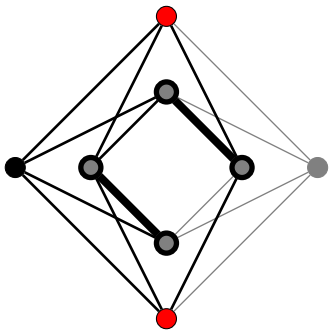

Figure 19: k5_missing_edge_chimera.tikz

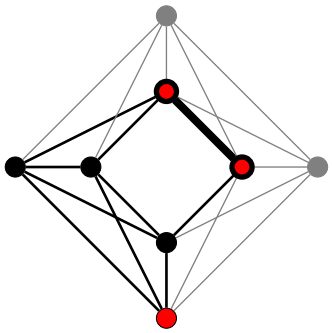

Figure 20: k5_missing_edge_pegasus.tikz

Gadgets with adjacency graph corresponding to k5_missing_edge.tikz():

- SFR-BCR-1

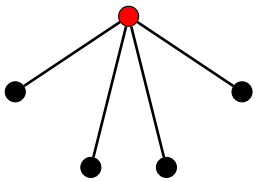

Figure 21: all_to_aux4.tikz

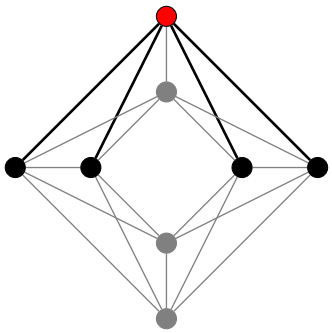

Figure 22: all_to_aux4_inPegasus.tikz

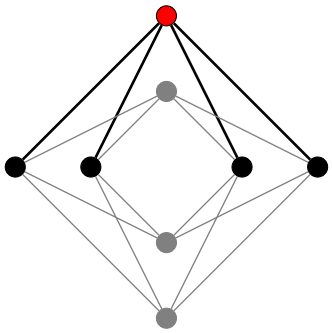

Figure 23: all_to_aux4_inChimera.tikz

Gadgets with adjacency graph corresponding to all_to_aux4.tikz():

- NTR-KZFD

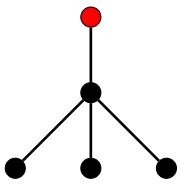

Figure 24: logical_fork3.tikz

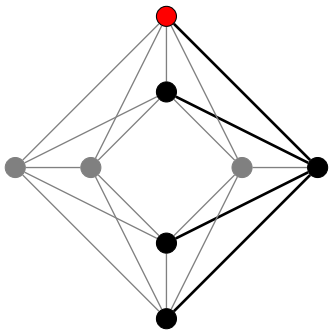

Figure 25: logical_fork3_inPegasus.tikz

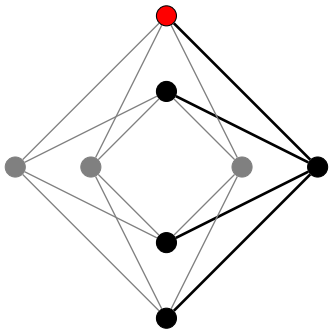

Figure 26: logical_fork3_inChimera.tikz

Gadgets with adjacency graph corresponding to logical_fork3.tikz():

- NTR-ABCB

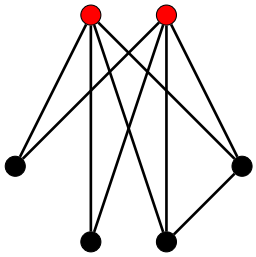

Figure 27: 2aux_to_all4_1conn.tikz

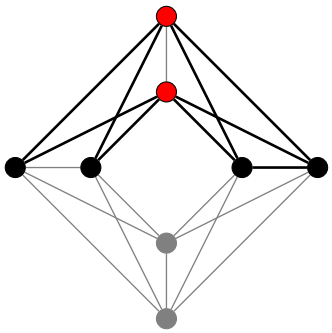

Figure 28: 2aux_to_all4_1conn_inPegasus.tikz

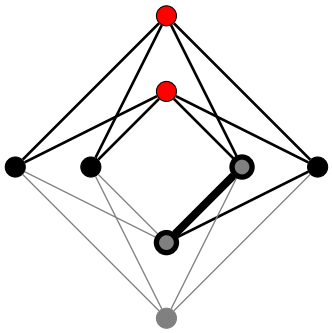

Figure 29: 2aux_to_all4_1conn_inChimera.tikz

Gadgets with adjacency graph corresponding to 2aux_to_all4_1conn.tikz():

- positive term reduction

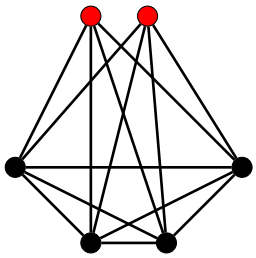

Figure 30: 2aux_to_all4_allConn.tikz

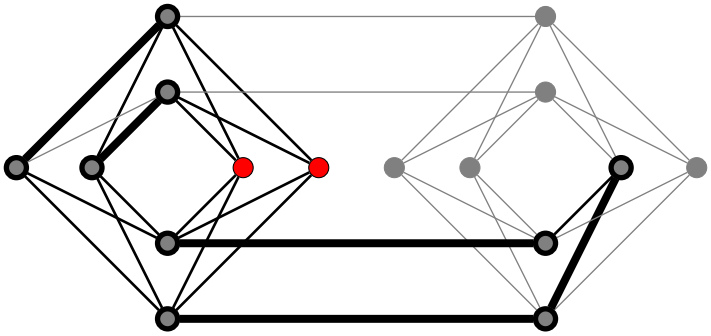

Figure 31: 2aux_to_all4_allConn_inChimera.tikz

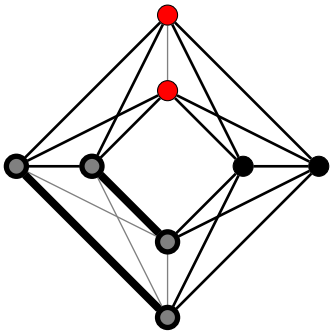

Figure 32: 2aux_to_all4_allConn_inPegasus.tikz

Gadgets with adjacency graph corresponding to 2aux_to_all4_allConn.tikz():

- PTR-Ishikawa

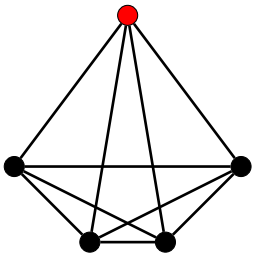

Figure 33: aux_to_all4_allConn.tikz

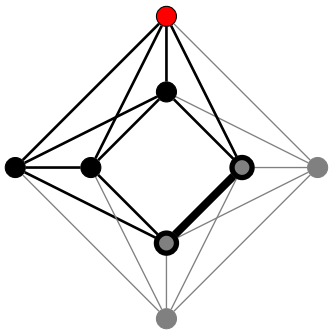

Figure 34: aux_to_all4_allConn_inPegasus.tikz

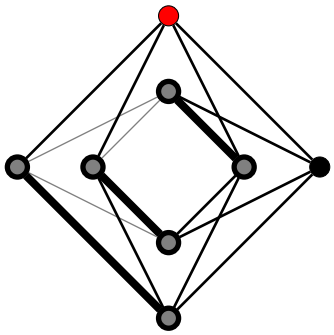

Figure 35: aux_to_all4_allConn_inChimera.tikz

Gadgets with adjacency graph corresponding to aux_to_all4_allConn.tikz():

- PTR-BCR-2
- PTR-BCR-4

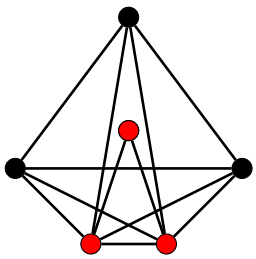

Figure 36: aux_to_all4_allConn_extra_qb.tikz

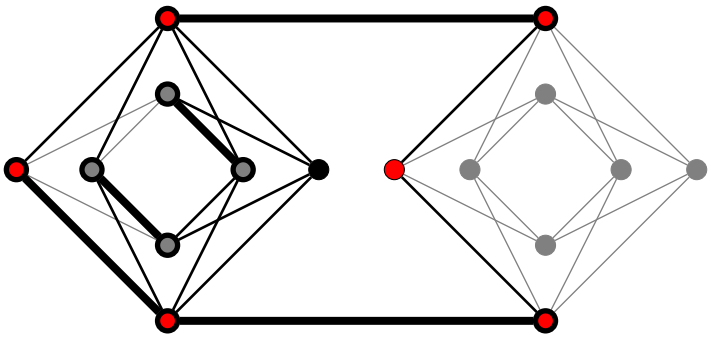

Figure 37: aux_to_all4_allConn_inChimera_extra_qb.tikz

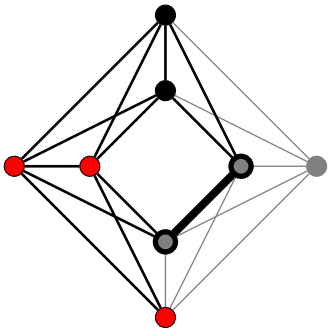

Figure 38: aux_to_all4_allConn_inPegasus_extra_qb.tikz

Gadgets with adjacency graph corresponding to aux_to_all4_allConn_extra_qb.tikz():

- RBL (even)

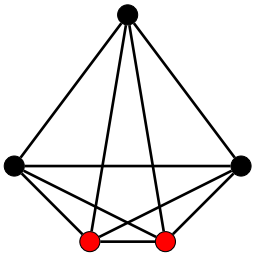

Figure 39: 2aux_to_3.tikz

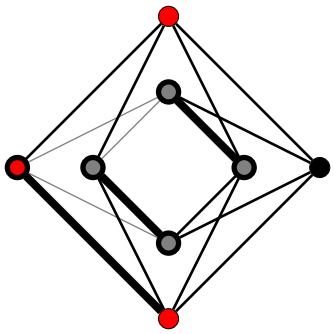

Figure 40: 2aux_to_3_inChimera.tikz

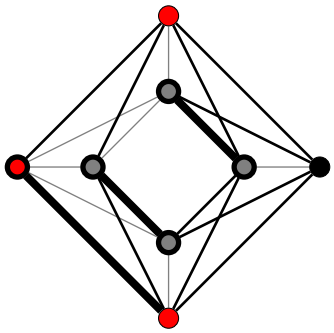

Figure 41: 2aux_to_3_inPegasus.tikz

Gadgets with adjacency graph corresponding to 2aux_to_3.tikz():

- RBL (even)

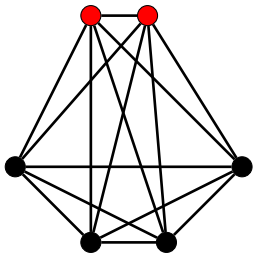

Figure 42: 2auxConn_to_all4_allConn.tikz

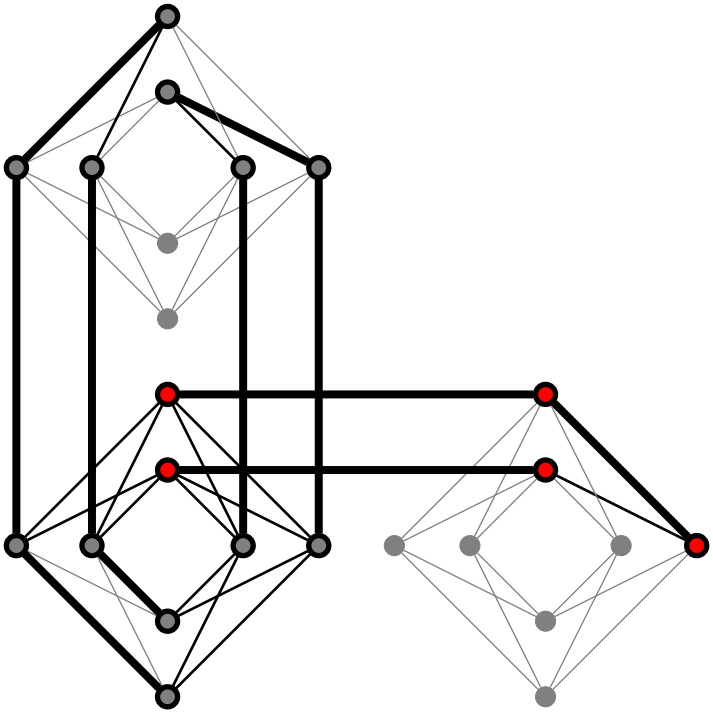

Figure 43: 2auxConn_to_all4_allConn_inChimera.tikz

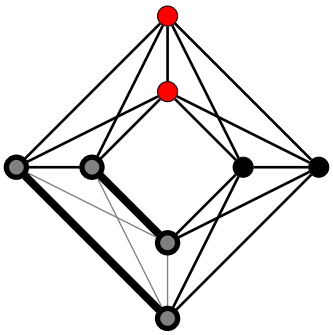

Figure 44: 2auxConn_to_all4_allConn_inPegasus.tikz

Gadgets with adjacency graph corresponding to 2auxConn_to_all4_allConn.tikz():

- PTR-BCR-3

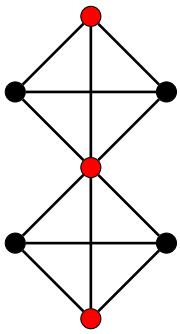

Figure 45: 2k4_shared_aux.tikz

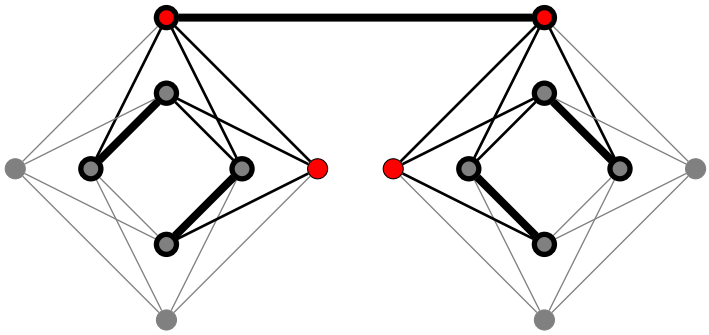

Figure 46: 2k4_shared_aux_inChimera.tikz

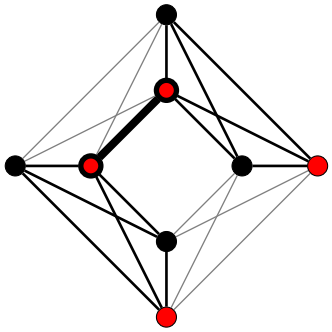

Figure 47: 2k4_shared_aux_inPegasus.tikz

Gadgets with adjacency graph corresponding to 2k4_shared_aux.tikz():

- Two copies of PTR-KZ sharing an auxilla

- Two copies of z-version of PTR-KZ sharing an auxilla