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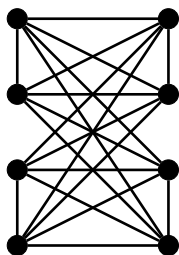


Figure 2: pegasus_v_chimera_uc_k44.tikz: shows extra edges added to chimera unit cell to make Pegasus unit cell
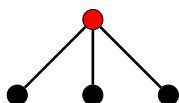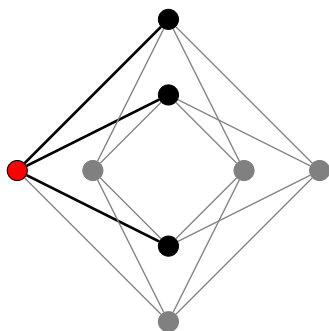


Figure 3: all_to_aux.tikz
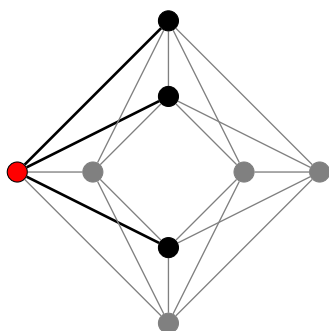
Figure 4: all_to_aux_chimera.tikz



Figure 5: all_to_aux_pegasus.tikz

Gadgets with adjacency graph corresponding to all_to_aux.tikz(⚲):
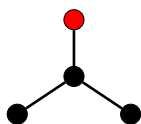
- NTR-KZFD

- NTR-ABCG



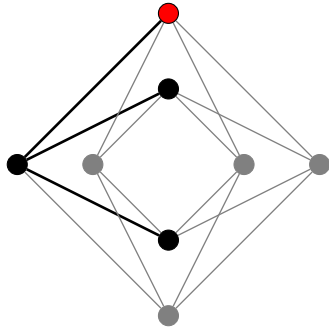Figure 6: logical_fork.tikz
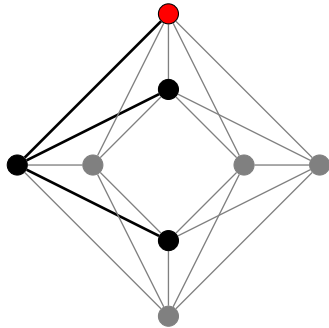
Figure 7: logical_fork_chimera.tikz



Figure 8: logical_fork_pegasus.tikz

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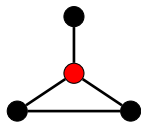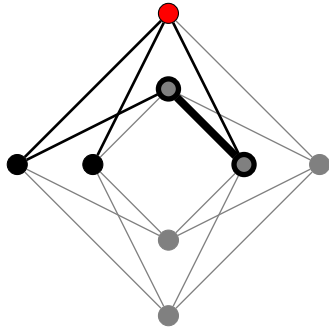
- NTR-ABCB



Figure 9: k4_missing_2edge.tikz
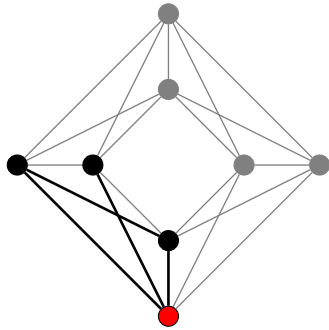
Figure 10: k4_missing_2edge_chimera.tikz



Figure 11: k4_missing_2edge_pegasus.tikz

Gadgets with adjacency graph corresponding to k4_missing_2edge.tikz(⤳):
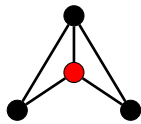
- Asymmetric reduction
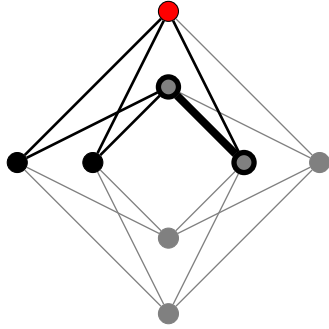


Figure 12: k4_missing_edge.tikz
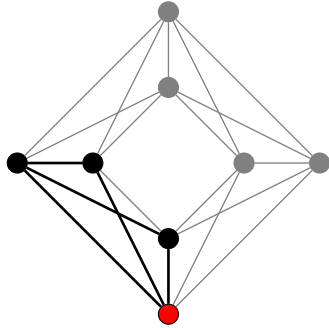
Figure 13: k4_missing_edge_chimera.tikz



Figure 14: k4_missing_edge_pegasus.tikz

Gadgets with adjacency graph corresponding to k4_missing_edge.tikz(△):
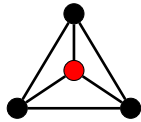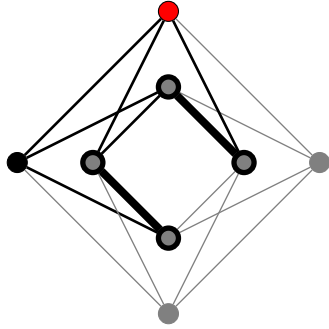
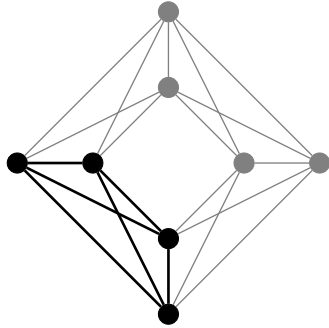- Asymmetric cubic reduction



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)
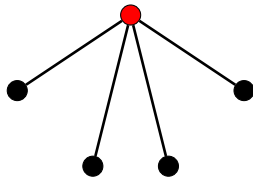- PTR-KZ
- Z version of PTR-KZ
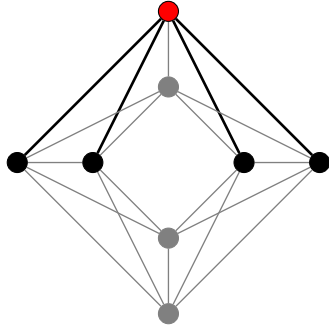


Figure 18: all_to_aux4.tikz

Figure 19: all_to_aux4_inPegasus.tikz

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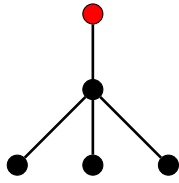
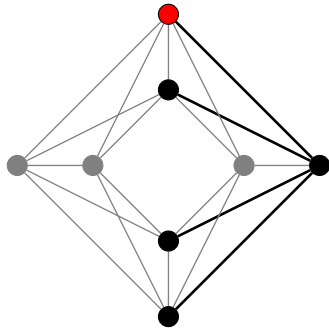- NTR-KZFD



Figure 20: logical_fork3.tikz



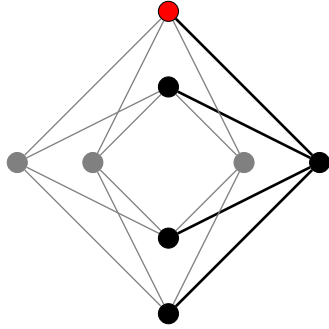Figure 21: logical_fork3_inPegasus.tikz

Figure 22: logical_fork3_inChimera.tikz

Gadgets with adjacency graph corresponding to logical_fork3.tikz(⋏):
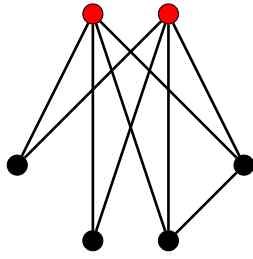
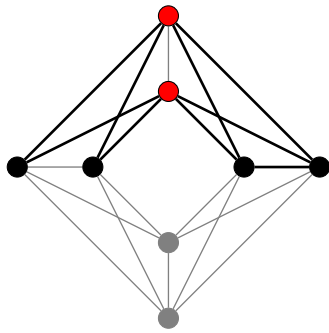- NTR-ABCB



Figure 23: 2aux_to_all4_1conn.tikz



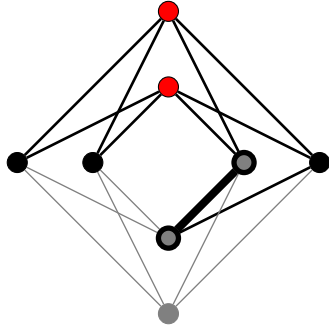Figure 24: 2aux_to_all4_1conn_inPegasus.tikz

Figure 25: 2aux_to_all4_1conn_inChimera.tikz

Gadgets with adjacency graph corresponding to 2aux_to_all4_1conn.tikz( ):
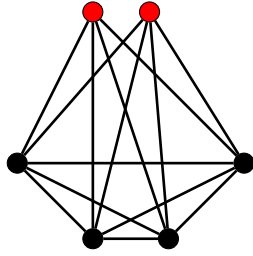
- positive term reduction
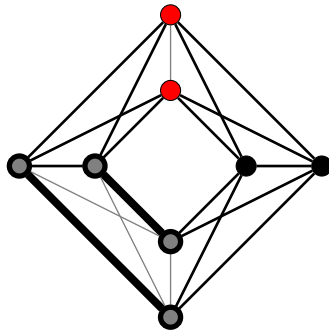


Figure 26: 2aux_to_all4_allConn.tikz



Figure 27: 2aux_to_all4_allConn_inPegasus.tikz

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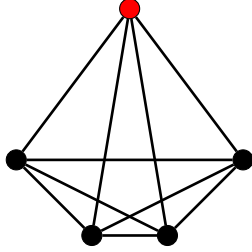
- PTR-Ishikawa



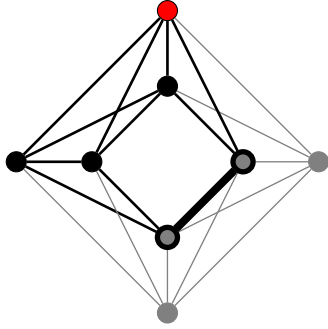Figure 28: aux_to_all4_allConn.tikz



Figure 29: aux_to_all4_allConn_inPegasus.tikz
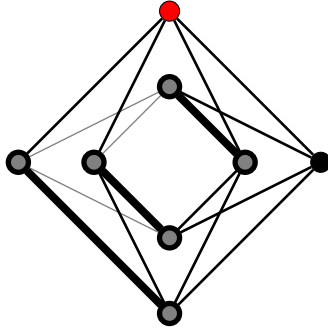


Figure 30: aux_to_all4_allConn_inChimera.tikz

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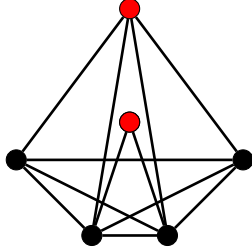
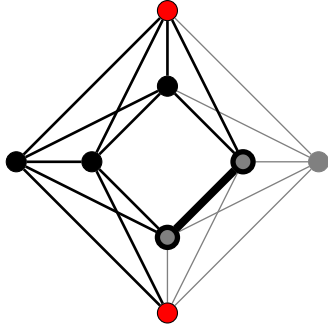- PTR-BCR-2

- PTR-BCR-4



Figure 31: aux_to_all4_allConn.tikz



Figure 32: aux_to_all4_allConn_inPegasus.tikz

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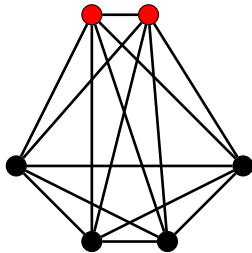
- RBL (even)



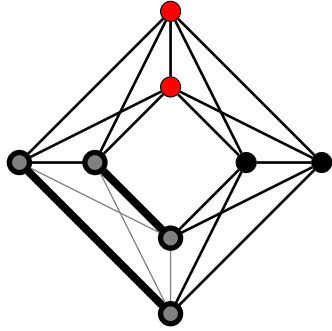Figure 33: 2auxConn_to_all4_allConn.tikz

Figure 34: 2auxConn_to_all4_allConn_inPegasus.tikz

Gadgets with adjacency graph corresponding to 2auxConn_to_all4_allConn.tikz(  ):
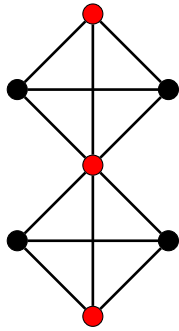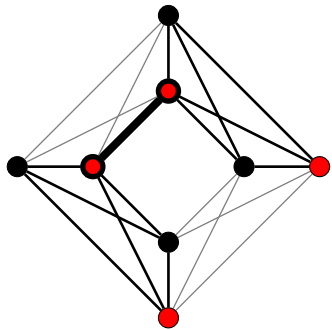
- PTR-BCR-3



Figure 35: 2k4_shared_aux.tikz



Figure 36: 2k4_shared_aux_inPegasus.tikz

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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