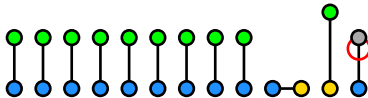


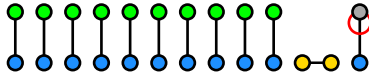
----- B,Birr cases with weight 11 relations

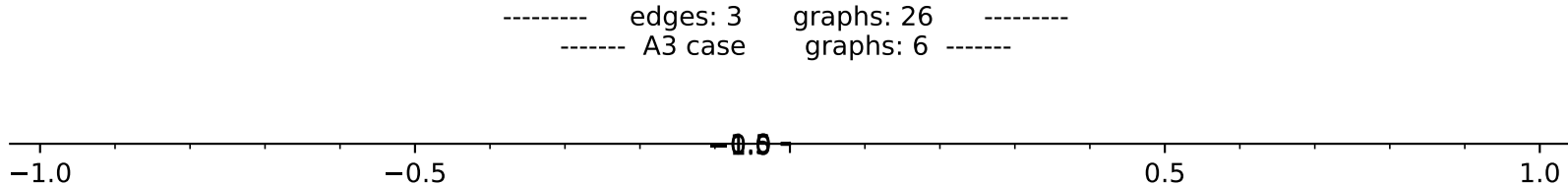
relation groups: 1 -----

ID: 348 $V_1^9 \boxtimes V_1$



ID: 346 V_1^{10}

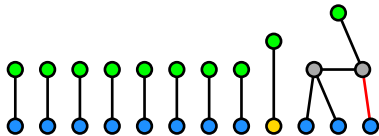




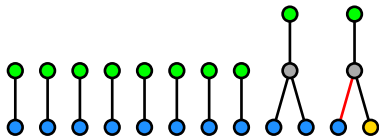
----- A2 case with weight 13 relations

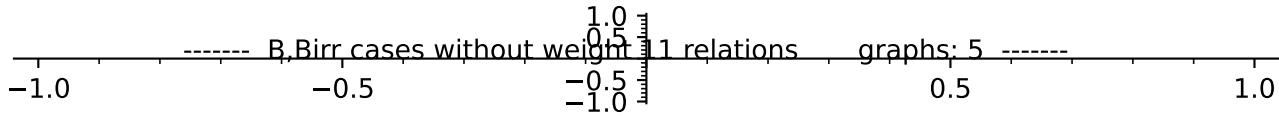
relation groups: 4 -----

ID: 407 $V_1^8 \boxtimes V_1 \boxtimes V_1$



ID: 405 $V_1^8 \boxtimes V_1 \boxtimes V_1$

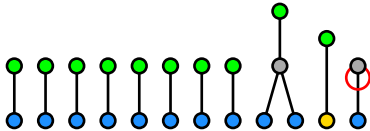




----- B,Birr cases with weight 11 relations

relation groups: 2 -----

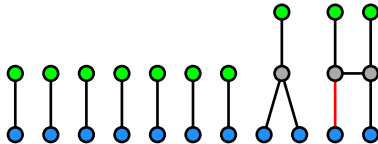
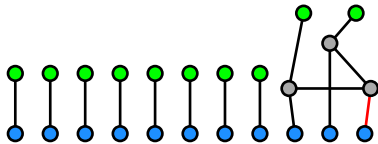
ID: 523 $V_1^8 \boxtimes V_1 \boxtimes V_1$



----- edges: 4 graphs: 20 -----
 ----- A2 case with weight 13 relations relation groups: 3 -----

ID: 555 $V_{1^8} \boxtimes V_{1^2}$

ID: 549 $V_{1^7} \boxtimes V_1 \boxtimes V_1 \boxtimes V_1$



----- B,Birr cases without weight 11 relations graphs: 9 -----

ID: 610 $V_1^7 \boxtimes V_1 \boxtimes V_2$

