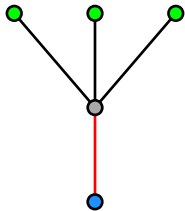


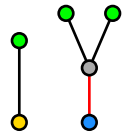
----- edges: 13-n graphs: 178 -----
 --- A3 case graphs: 34 ---

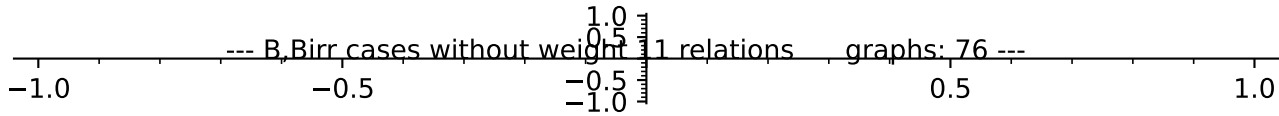
ID: 368 $V_1^{n-3} \boxtimes V_3$
 n: 13 10 7 4 \mapsto ID 576

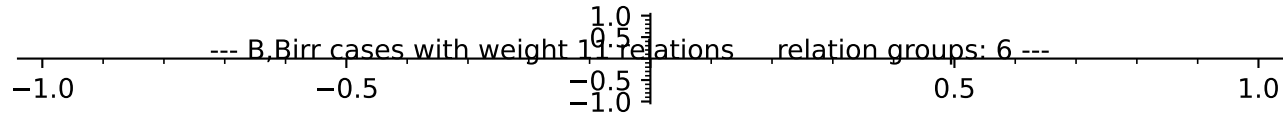


--- A2 case with weight 13 relations relation groups: 8 ---

ID: 402 $V_1^{n-3} \boxtimes V_1 \boxtimes V_2$
n: 13 10 7 4 \mapsto ID 547

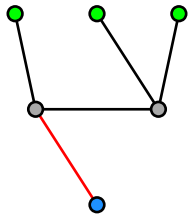




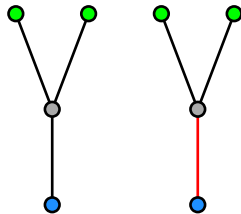


----- edges: 14-n graphs: 73 -----
 --- A2 case with weight 13 relations relation groups: 6 ---

ID: 547 $V_1^{n-3} \boxtimes V_1 \boxtimes V_2$
 n: 13 10 7 4 \leftarrow ID 402



ID: 546 $V_1^{n-4} \boxtimes V_2 \boxtimes V_2$
 n: 13 10 7 4 Redundant



--- B,Birr cases without weight 11 relations graphs: 43 ---

ID: 576 $V_1^{n-3} \boxtimes V_1 \boxtimes V_2$
n: 13 10 7 4 \leftarrow ID 368

