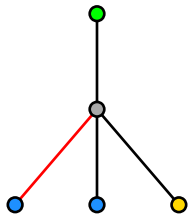


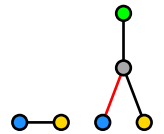
----- edges: 12-n graphs: 165 -----
 --- A3 case graphs: 66 ---

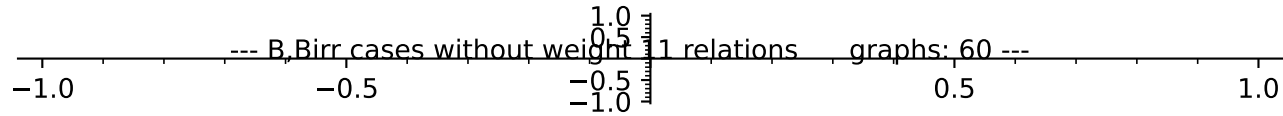
ID: 206 $V_1^{n-1} \boxtimes V_1$
 n: 10 7 4 1 \mapsto ID 410



--- A2 case with weight 13 relations relation groups: 4 ---

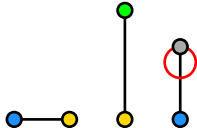
ID: 270 $V_1^{n-1} \boxtimes V_1$
n: 10 7 4 1 \mapsto ID 525



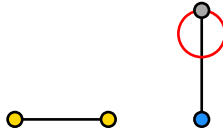


--- B,Birr cases with weight 11 relations relation groups: 5 ---

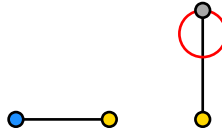
ID: 348 $V_{1^{n-1}} \boxtimes V_1$
 n: 10 7 4 1

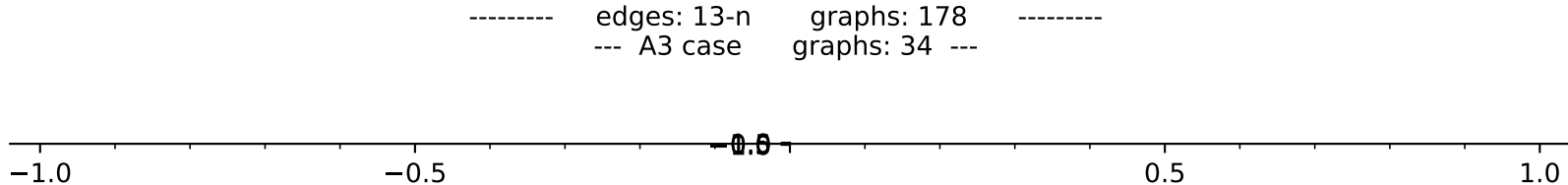


ID: 346 V_{1^n}
 n: 10 7 4 1



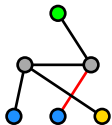
ID: 347 V_{1^n}
 n: 10 7 4 1 Redundant



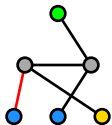


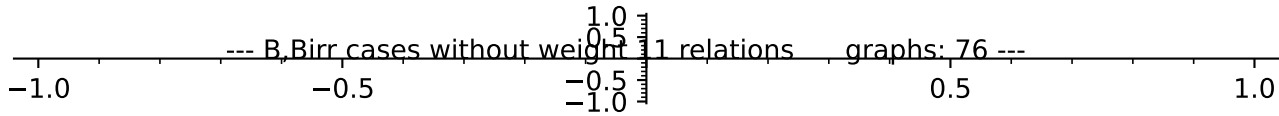
--- A2 case with weight 13 relations relation groups: 8 ---

ID: 411 $V_1^{n-1} \boxtimes V_1$
 n: 10 7 4 1 \mapsto ID 556



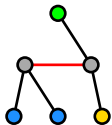
ID: 410 $V_1^{n-1} \boxtimes V_1$
 n: 10 7 4 1 \leftarrow ID 206



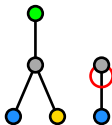


--- B,Birr cases with weight 11 relations relation groups: 6 ---

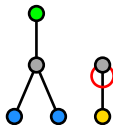
ID: 451 $V_1^{n-1} \boxtimes V_1$
 n: 10 7 4 1 Redundant



ID: 525 $V_1^{n-1} \boxtimes V_1$
 n: 10 7 4 1 \leftarrow ID 270



ID: 526 $V_1^{n-1} \boxtimes V_1$
 n: 10 7 4 1 Redundant



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

ID: 556 $V_1^{n-1} \boxtimes V_1$
 n: 10 7 4 1 \leftarrow ID 411

