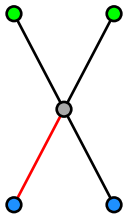


---- excess: 3      (g,n): (2, 11), (4, 8), (6, 5), (8, 2)      graphs: 106      eliminated+redundant: 100      ----  
                                 ----- edges: 10-n      graphs: 6      -----

----- edges: 11-n      graphs: 28 -----

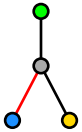
----- edges: 12-n      graphs: 48      -----  
 --- A3 case      graphs: 12      ---

ID: 57     $V_1^{n-2} \boxtimes V_2$   
 n: 11 8 5 2     $\mapsto$  ID 113

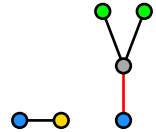


--- A2 case with weight 13 relations      relation groups: 2 ---

ID: 70     $V_1^{n-1} \boxtimes V_1$   
 n: 11 8 5 2



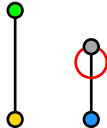
ID: 69     $V_1^{n-2} \boxtimes V_2$   
 n: 11 8 5 2      Redundant



--- B,Birr cases with weight 11 relations      relation groups: 2 ---

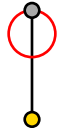
ID: 97     $V_1^{n-1} \boxtimes V_1$

n: 11 8 5 2



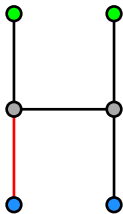
ID: 96     $V_1^n$

n: 11 8 5 2      Redundant



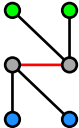
----- edges: 13-n      graphs: 24      -----  
 --- A2 case with weight 13 relations      relation groups: 2 ---

ID: 106     $V_1^{n-2} \boxtimes V_1 \boxtimes V_1$   
 n: 11 8 5 2



--- B,Birr cases without weight 11 relations      graphs: 16 ---

ID: 113     $V_1^{n-2} \boxtimes V_2$   
 n: 11 8 5 2     $\hookleftarrow$  ID 57



ID: 125     $V_1^{n-2} \boxtimes V_2$   
 n: 11 8 5 2

