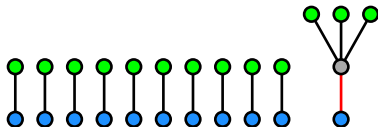


----- g,n: 1,13      graphs: 5      -----  
 ----- Euler Characteristic (without resolving relations):  $-1V_1^{10} \boxtimes V_3 + 1V_1^{10} \boxtimes V_1 \boxtimes V_2$  -----  
 ----- edges: 0      graphs: 2      -----  
 ----- A3 case      graphs: 1      -----

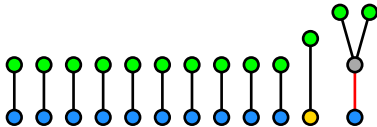
ID: 368     $V_1^{10} \boxtimes V_3$



----- A2 case with weight 13 relations

relation groups: 1 -----

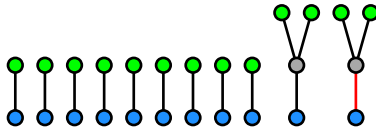
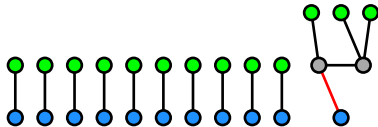
ID: 402  $V_1^{10} \boxtimes V_1 \boxtimes V_2$



----- edges: 1    graphs: 3    -----  
 ----- A2 case with weight 13 relations    relation groups: 1 -----

ID: 545     $V_{1^{10}} \boxtimes V_1 \boxtimes V_2$

ID: 544     $V_{1^9} \boxtimes V_2 \boxtimes V_2$



----- B,Birr cases without weight 11 relations      graphs: 1 -----

ID: 574     $V_1^{10} \boxtimes V_1 \boxtimes V_2$

