---------- 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   ---------

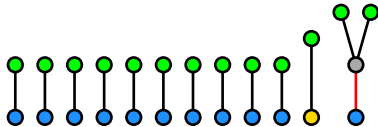------- A3 case   graphs: 1   -------

ID: 368 $V_{1^{10}}\boxtimes V_3$
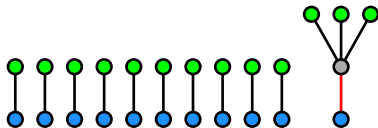
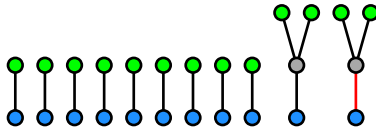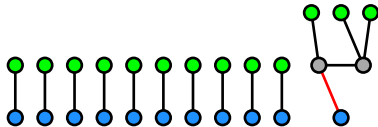------- A2 case with weight 13 relations   relation groups: 1 -------

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: 547 $V_{1^{10}} \boxtimes V_1 \boxtimes V_2$

ID: 546 $V_{1^9} \boxtimes V_2 \boxtimes V_2$

ID: 576 $V_1{}^{10} \boxtimes V_1 \boxtimes V_2$