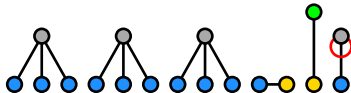------- g,n: 9,1   graphs: 364   eliminated+redundant: 360 -------
Euler Characteristic (without relations): $6V_1 - 2V_0 \boxtimes V_1$
--------- edges: 9   graphs: 10   ---------

--------- edges: 10 graphs: 64 ---------

---------   edges: 11   graphs: 145   ---------
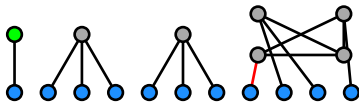------- B,Birr cases with weight 11 relations   relation groups: 5 -------

ID: 348 V_1

ID: 346 V_1

--------- edges: 12 graphs: 116 ---------

ID: 563 V_1

ID: 606 V_1