---------- g,n: 8,1   graphs: 3   ----------
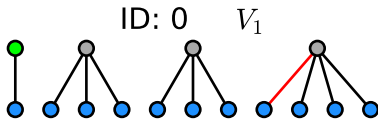
------ Euler Characteristic (without resolving relations): $-1V_1$ ------

--------- edges: 9   graphs: 1   ---------

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

ID: 0 V_1

--------- edges: 10 graphs: 2 ---------
------- B,Birr cases without weight 11 relations graphs: 2 -------