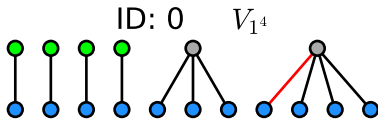---------- g,n: 6,4 graphs: 3 ----------
------ Euler Characteristic (without resolving relations): $1V_{1^4}$ ------
--------- edges: 6 graphs: 1 ---------
------- A3 case graphs: 1 -------

ID: 0 V_{1^4}

--------- edges: 7 graphs: 2 ---------
------- B,Birr cases without weight 11 relations graphs: 2 -------

ID: 1 V_{1^4}

ID: 2 V_{1^4}