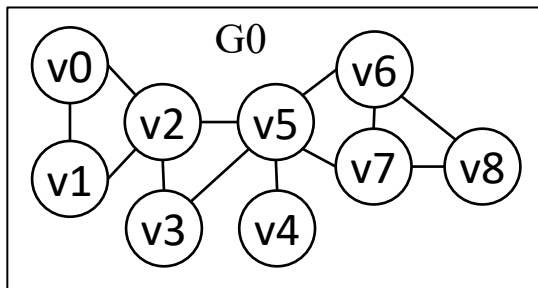


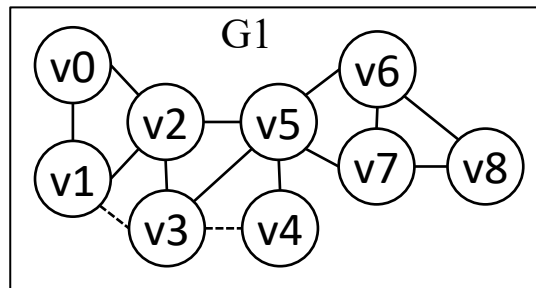
$$\Delta G0 = [(v1v3, +), (v3v4, +)]$$



$$M0 = \{v5v6v7, v8v6v7, v5v2v3\}$$

$$\Delta M0 = \{ +v1v2v3 \}$$

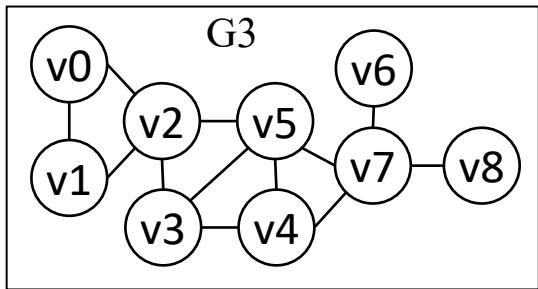
$$\Delta G1 = [(v4v7, +), (v6v8, -)]$$



$$M1 = \{v5v6v7, v8v6v7, v5v2v3, v1v2v3\}$$

$$\Delta M1 = \{ -v8v6v7 \}$$

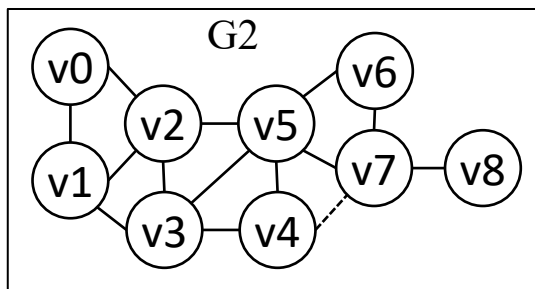
$$\Delta G3 = [...]$$



$$M3 = \{v5v2v3\}$$

$$\Delta M2 = \{ \dots \}$$

$$\Delta G2 = [(v5v6, -), (v1v3, -)]$$



$$M2 = \{v5v6v7, v5v2v3, v1v2v3\}$$

$$\Delta M2 = \{ -v5v6v7, -v1v2v3 \}$$

...

$R(u_0, u_1)$

v1	v2
v5	v2
v5	v3
v5	v6
v5	v7
v8	v6
v8	v7

 $R(u_0, u_2)$

v1	v2
v5	v2
v5	v3
v5	v6
v5	v7
v8	v6
v8	v7

 \bowtie \bowtie $R(u_1, u_2)$

v2	v3
v3	v2
v6	v7
v7	v6

 $=$ $R(u_0, u_1, u_2)$

v5	v6	v7
v5	v7	v6
v5	v2	v3
v5	v3	v2
v8	v6	v7
v8	v7	v6