

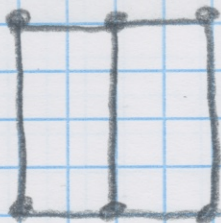
$$n=0$$

$$V=4$$

$$E=4$$

$$R=1$$

$$C=1$$



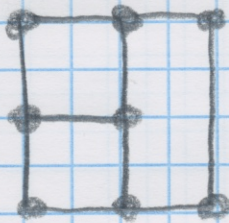
$$n=1$$

$$V=6$$

$$E=7$$

$$R=2$$

$$C=1$$



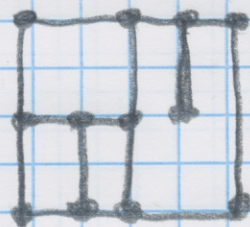
$$n=2$$

$$V=8$$

$$E=10$$

$$R=3$$

$$C=1$$



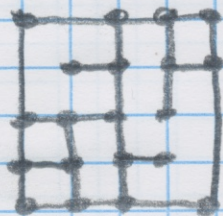
$$n=3$$

$$V=12$$

$$E=15$$

$$R=4$$

$$C=1$$



$$n=4$$

$$V=20$$

$$E=25$$

$$R=6$$

$$C=1$$

n folds

V vertices

E edges

R regions

C components

The graphs $G(0) - G(4)$