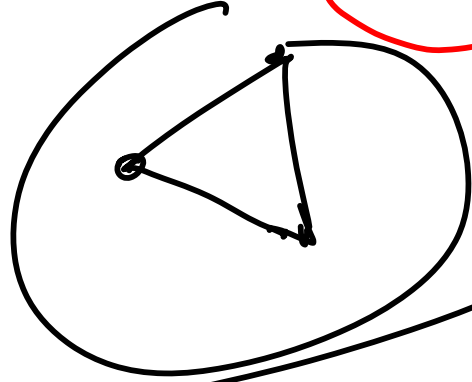
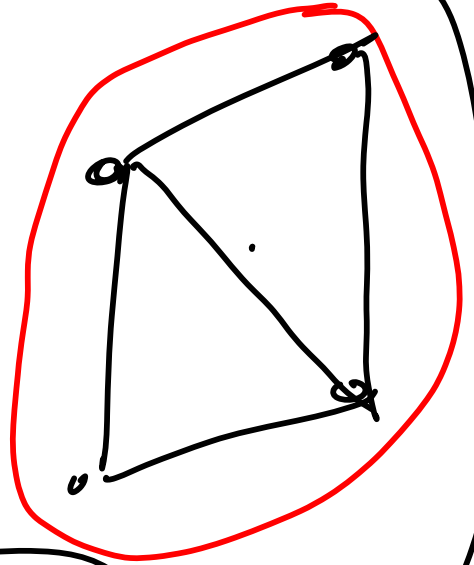
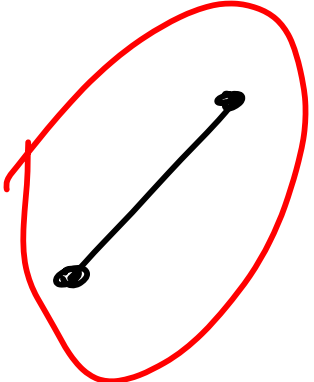
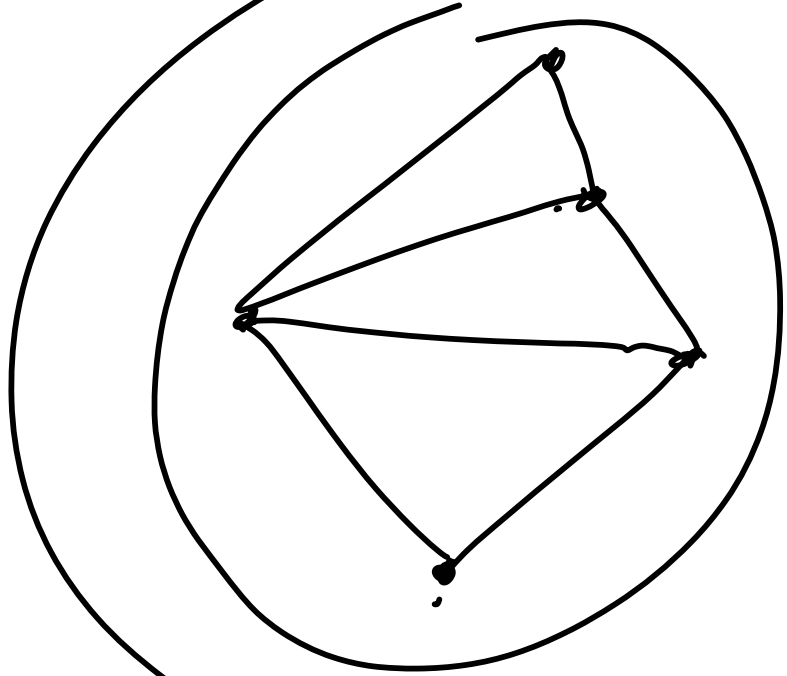
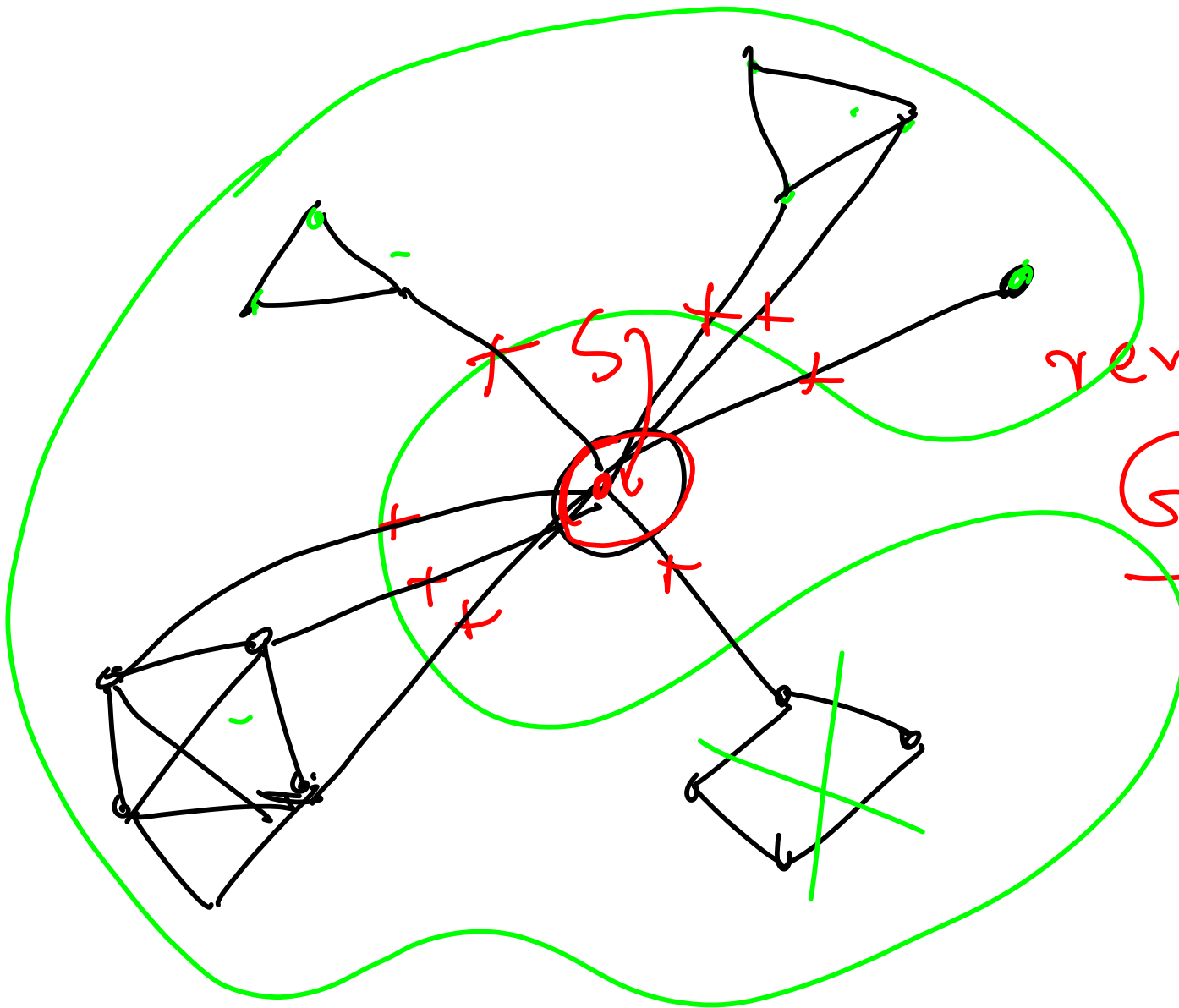


$g(G) = 2$

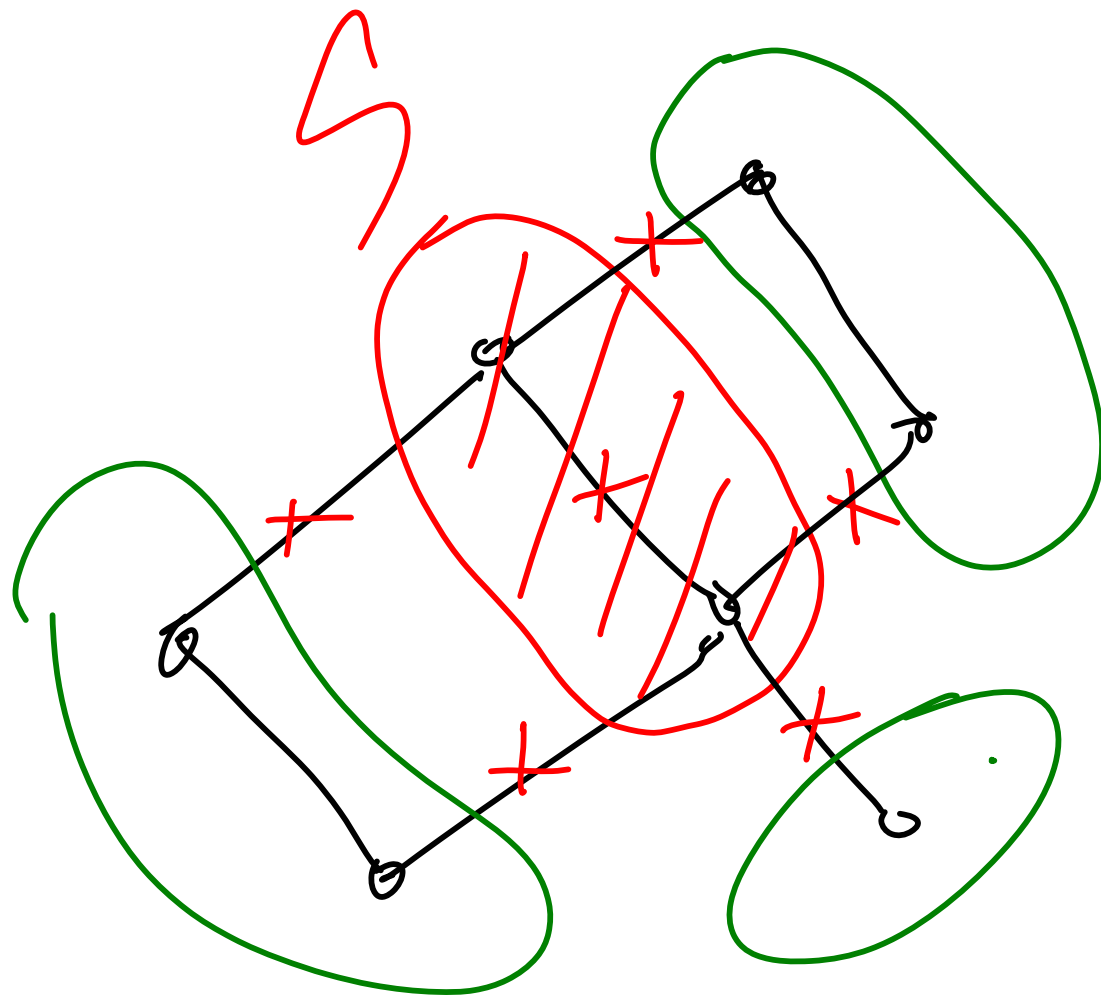




remaining graph

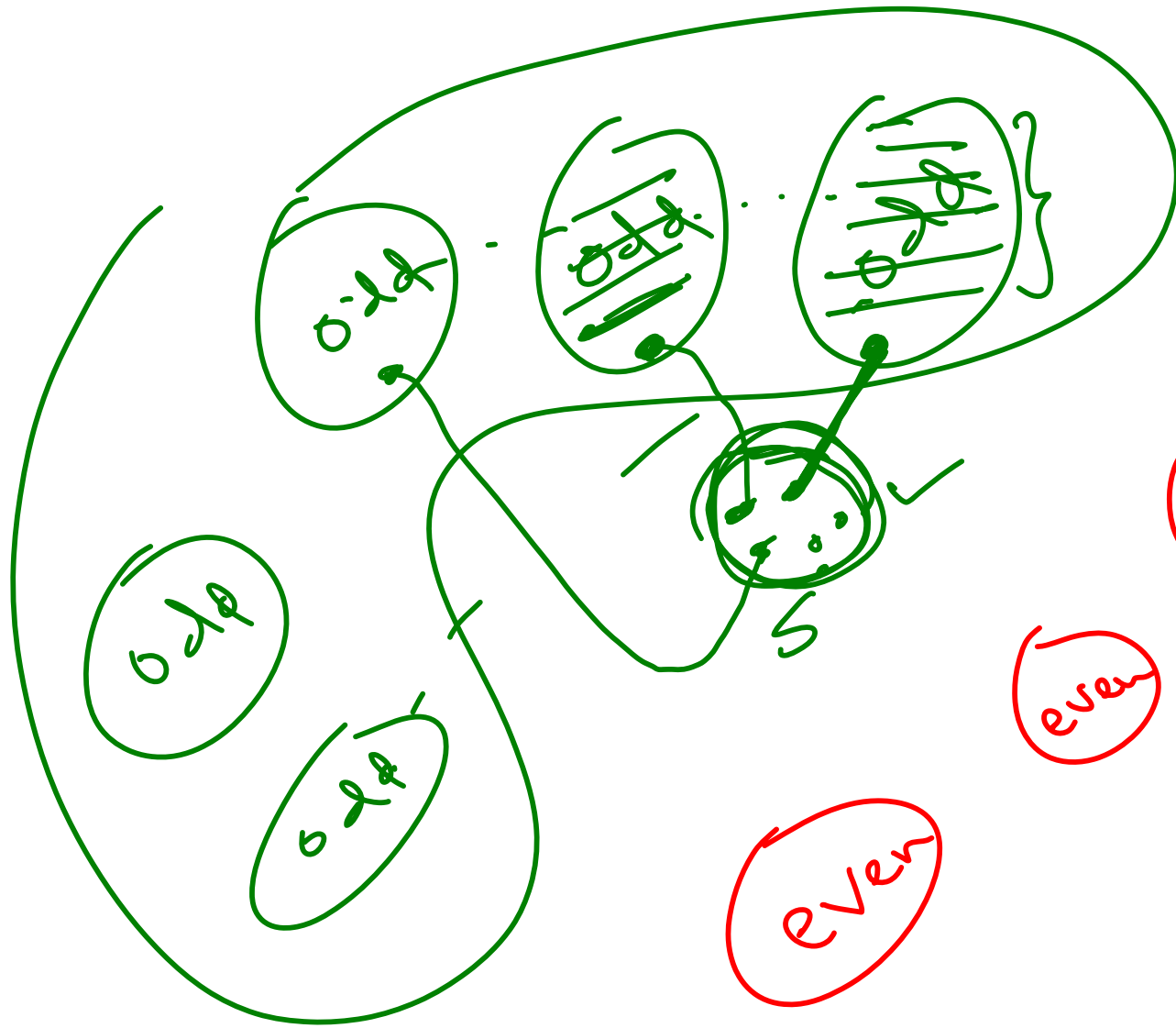
$$\underline{G - S}$$

$$g(G - S) = 4$$



$G - S$

$$\begin{aligned}
 \chi(G - S) \\
 &= 1 \\
 &= \underline{\underline{\quad}}
 \end{aligned}$$

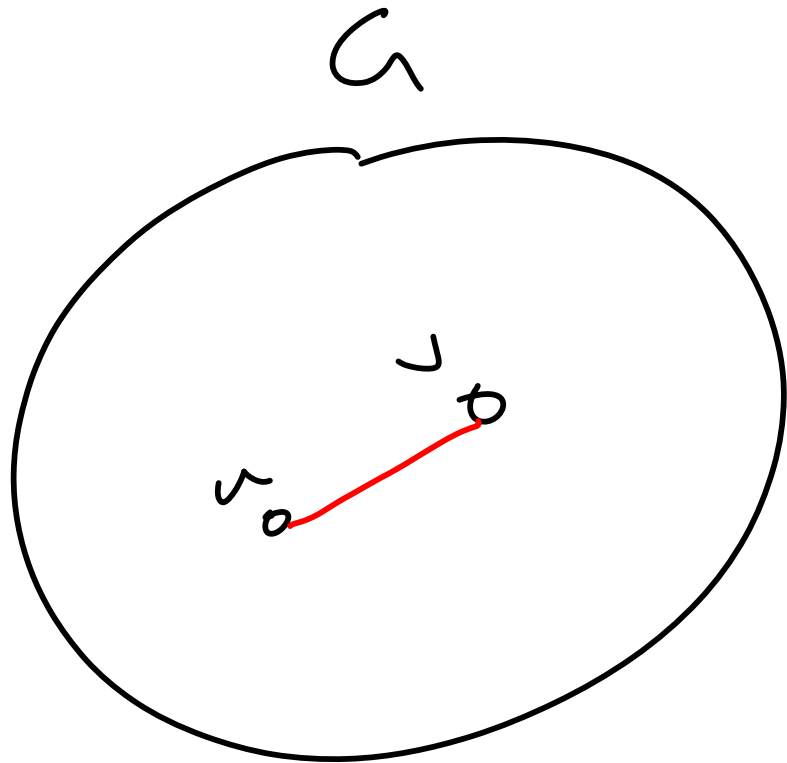


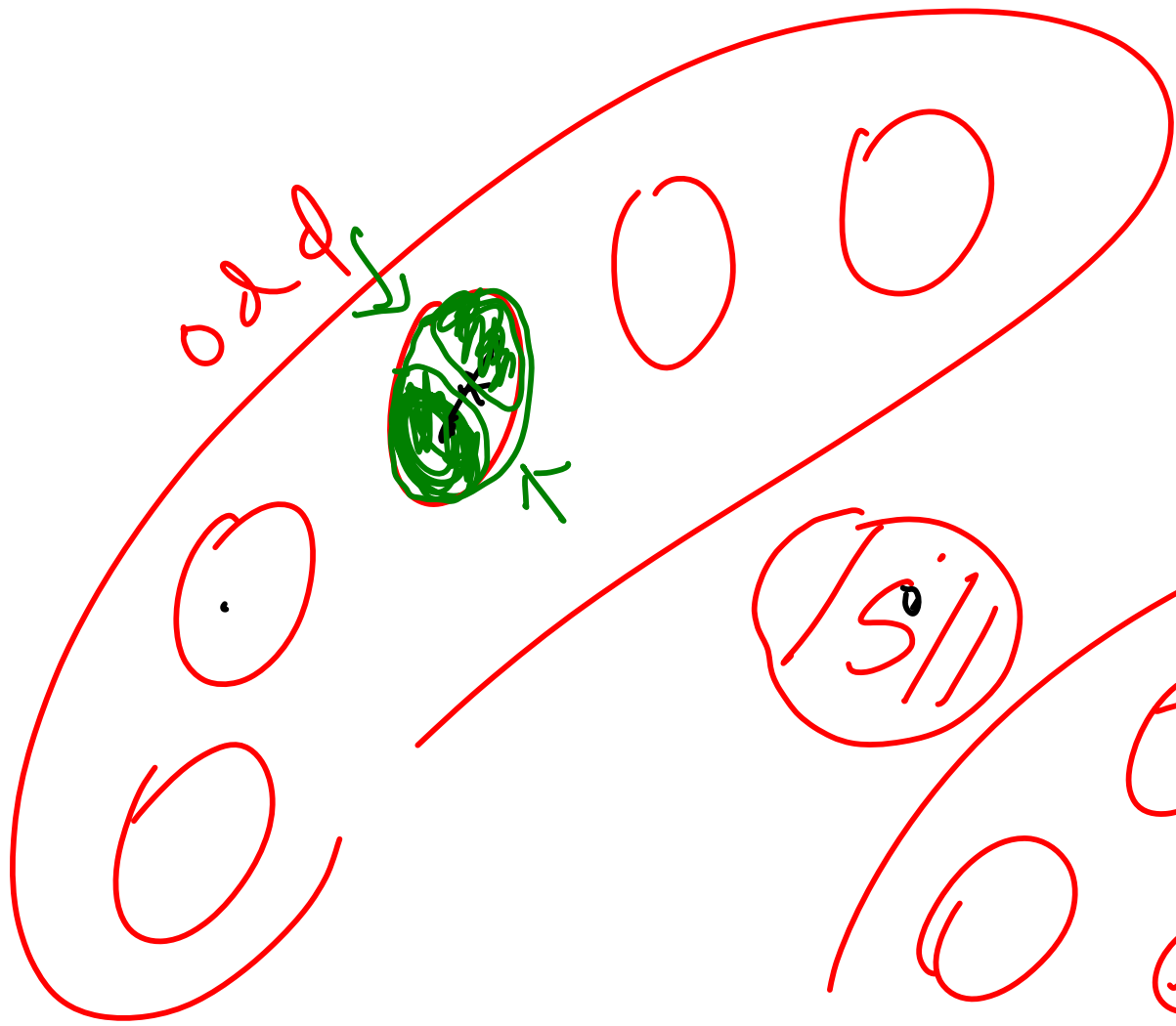
$$\underline{\underline{|S| \geq q(G-S)}}$$

even

even

even





$$2(G_1 - S) > |S|$$

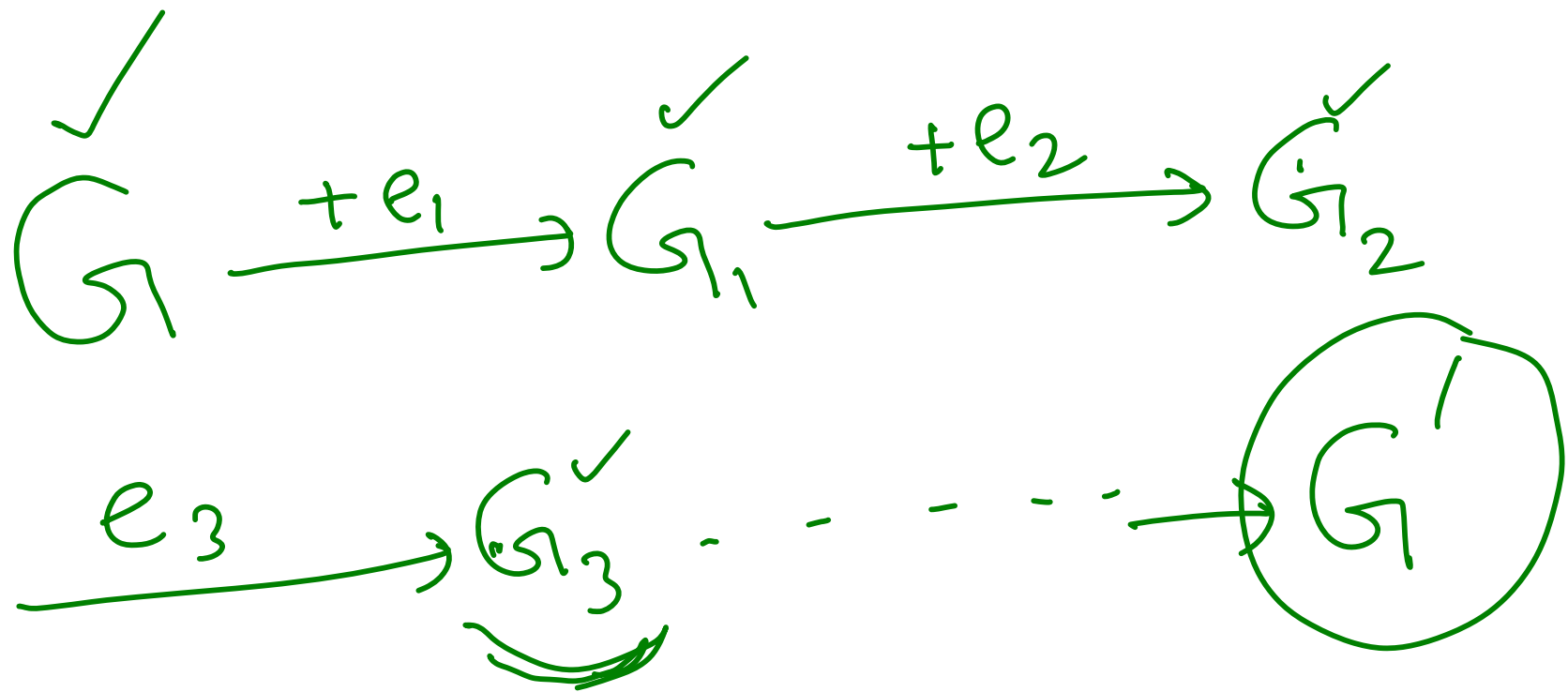
A red oval contains a green oval. Inside the green oval, the equation  $2(G_1 - S) > |S|$  is written in red. There are two green checkmarks on the right side of the green oval.

$$|S|$$

A red circle containing the expression  $|S|$ .

even

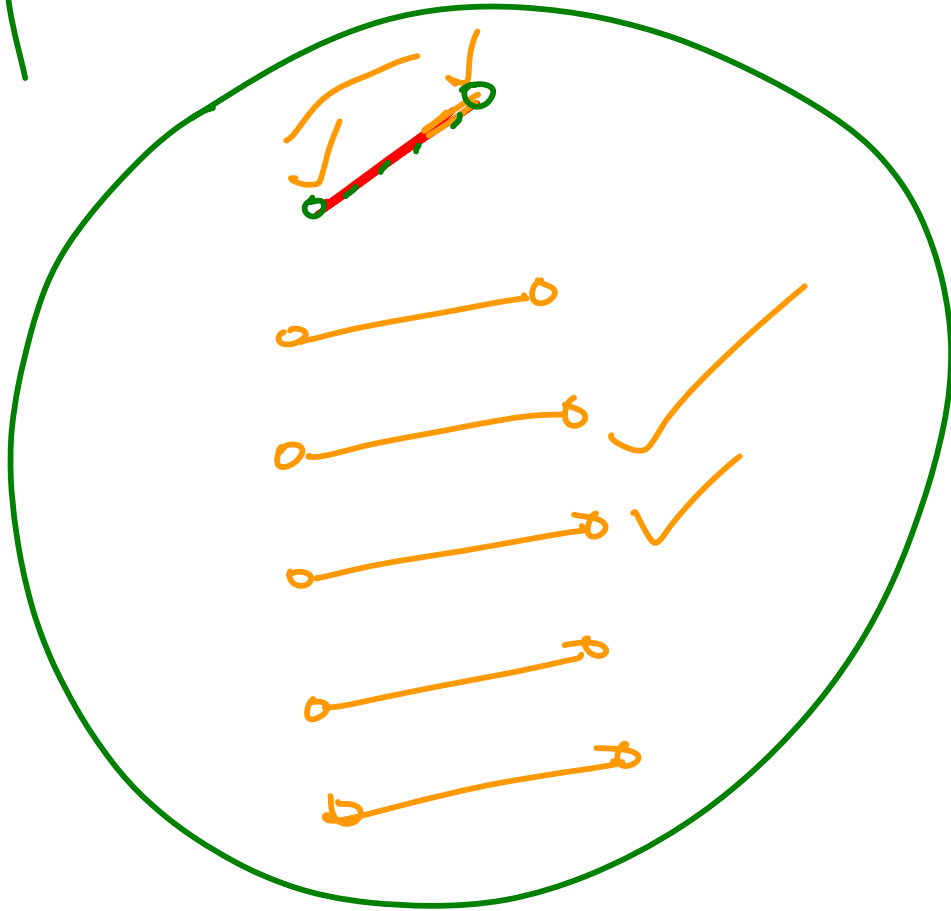
Two red circles are positioned above the word "even", which is written in red.

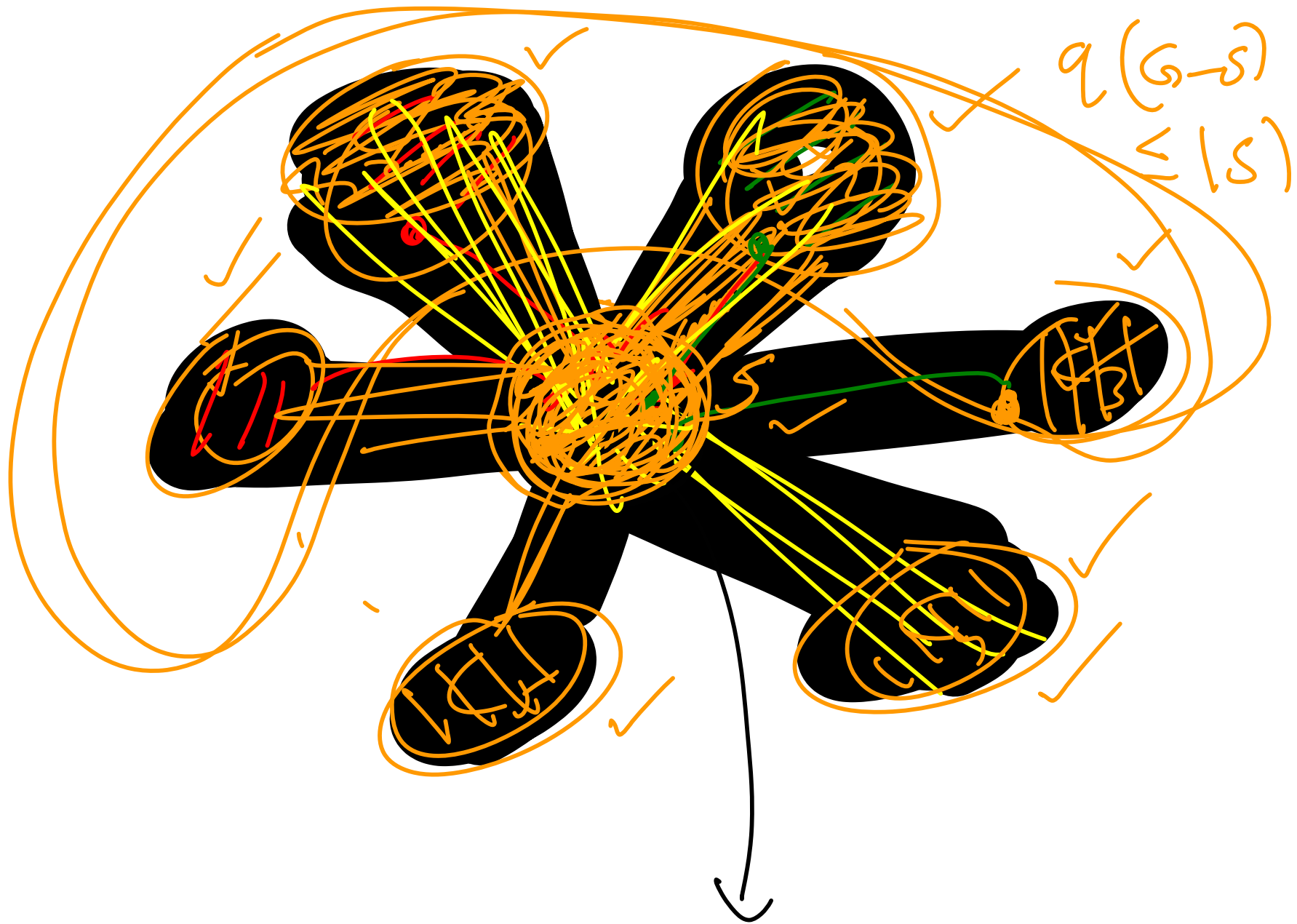


$G'$  is an edge maximal  
graph



31

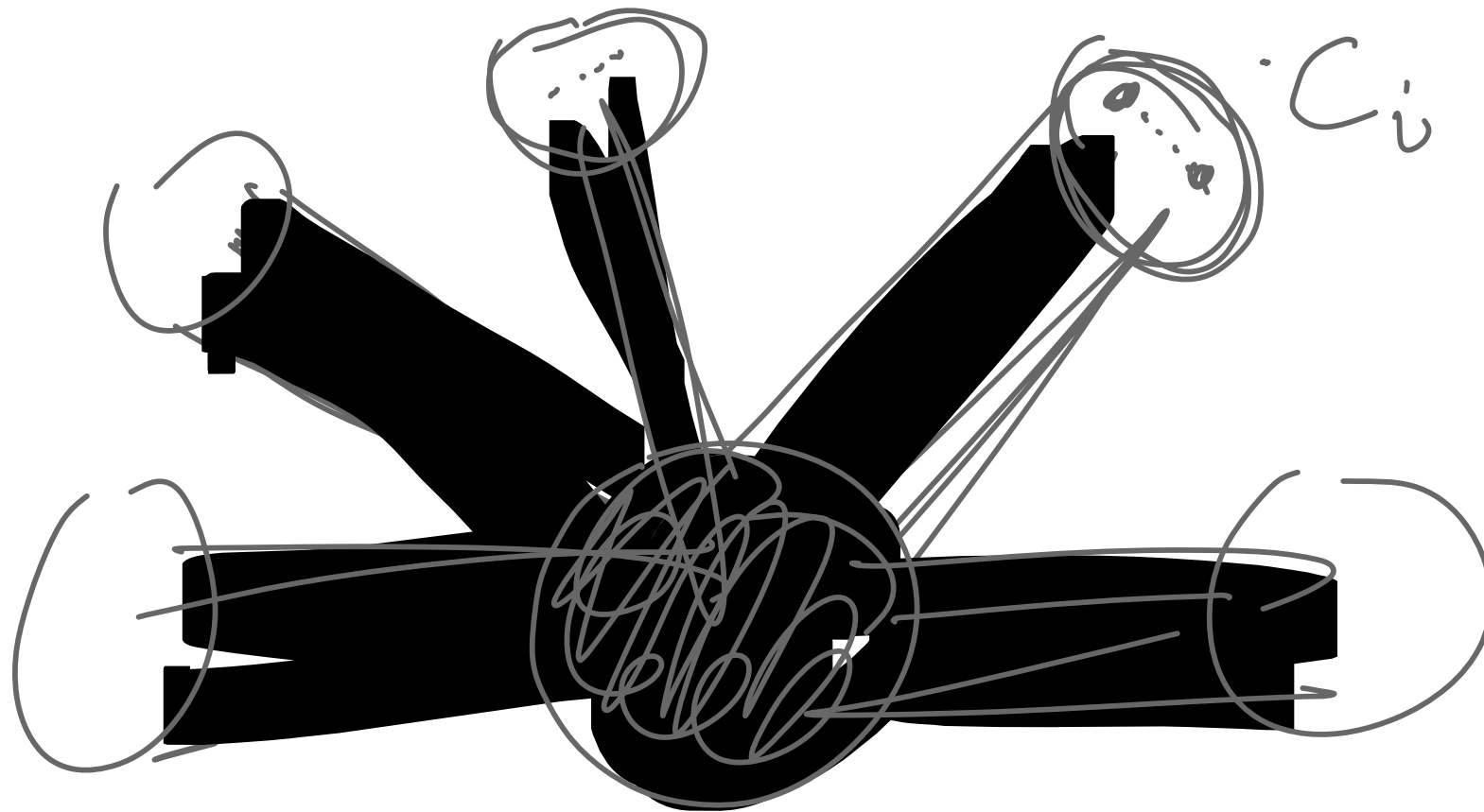


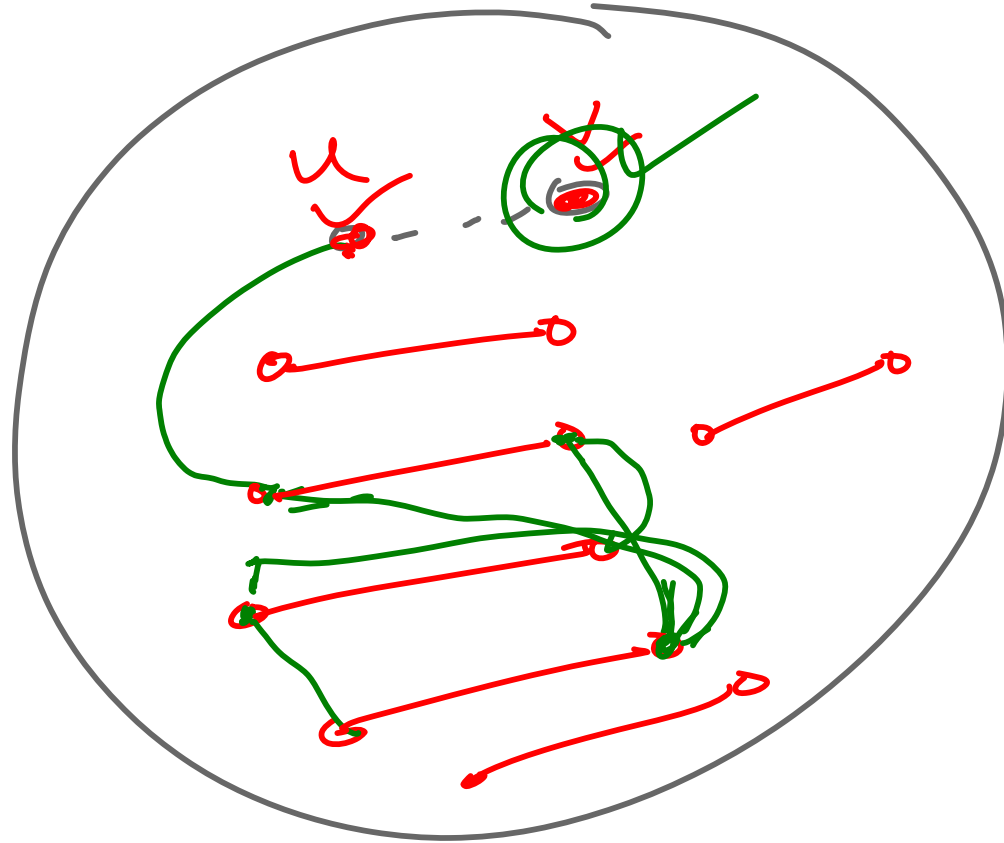


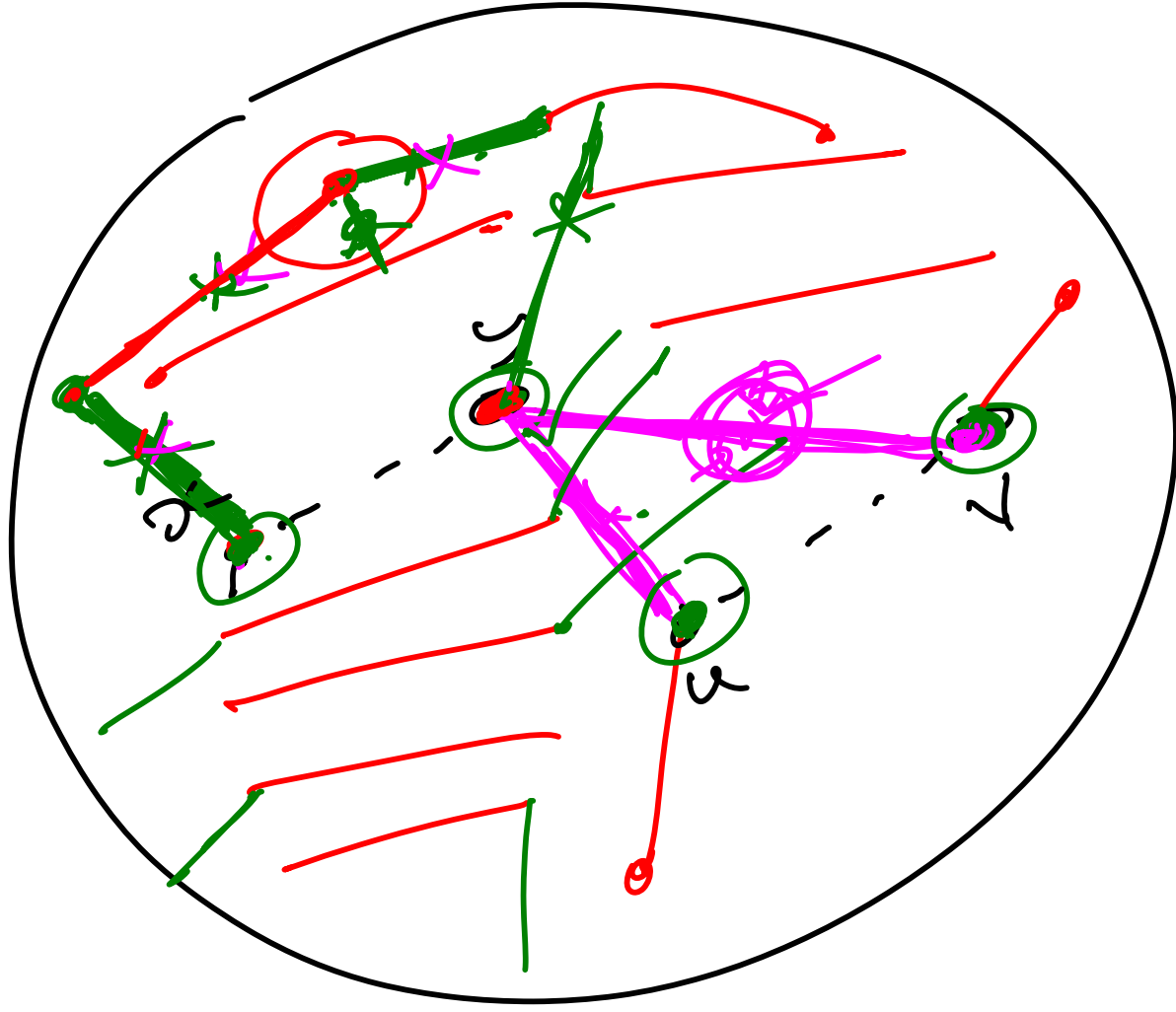
$$0 \Rightarrow |\phi| < 1 \Leftrightarrow q(G-S)$$

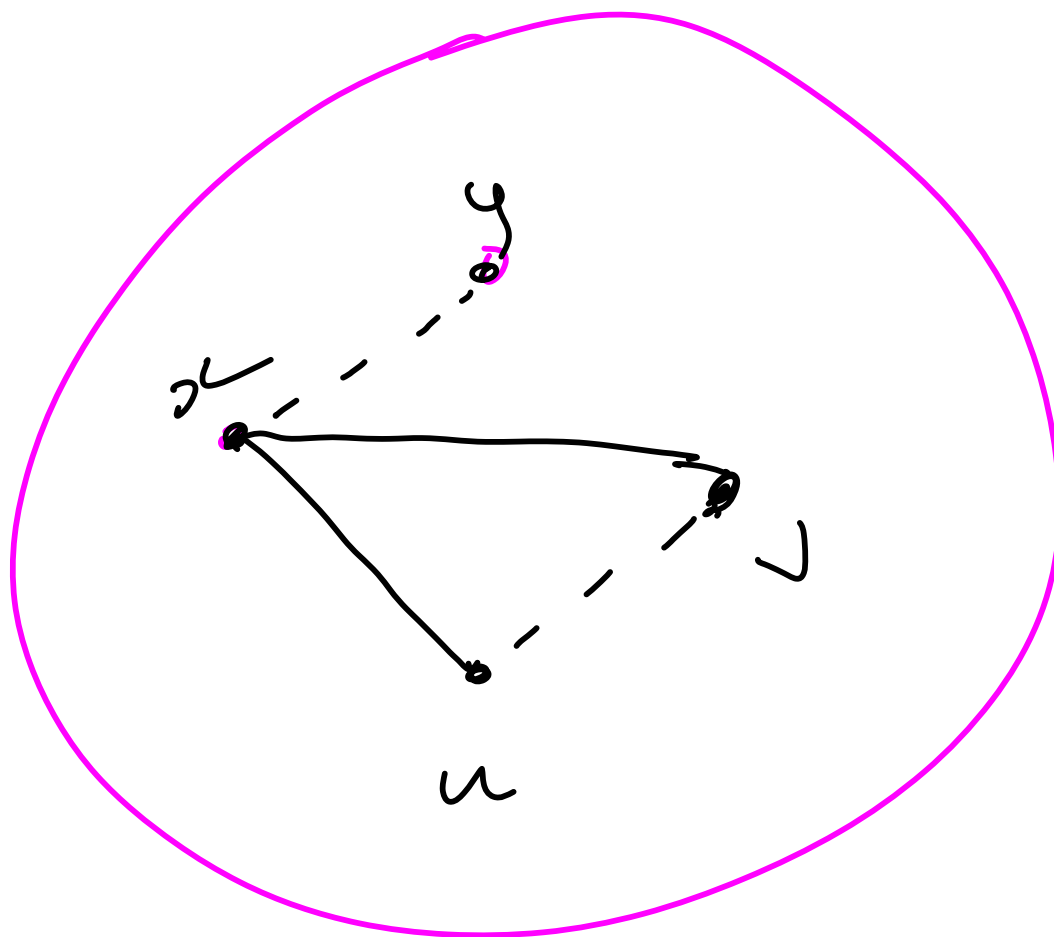
Universal vertices

---



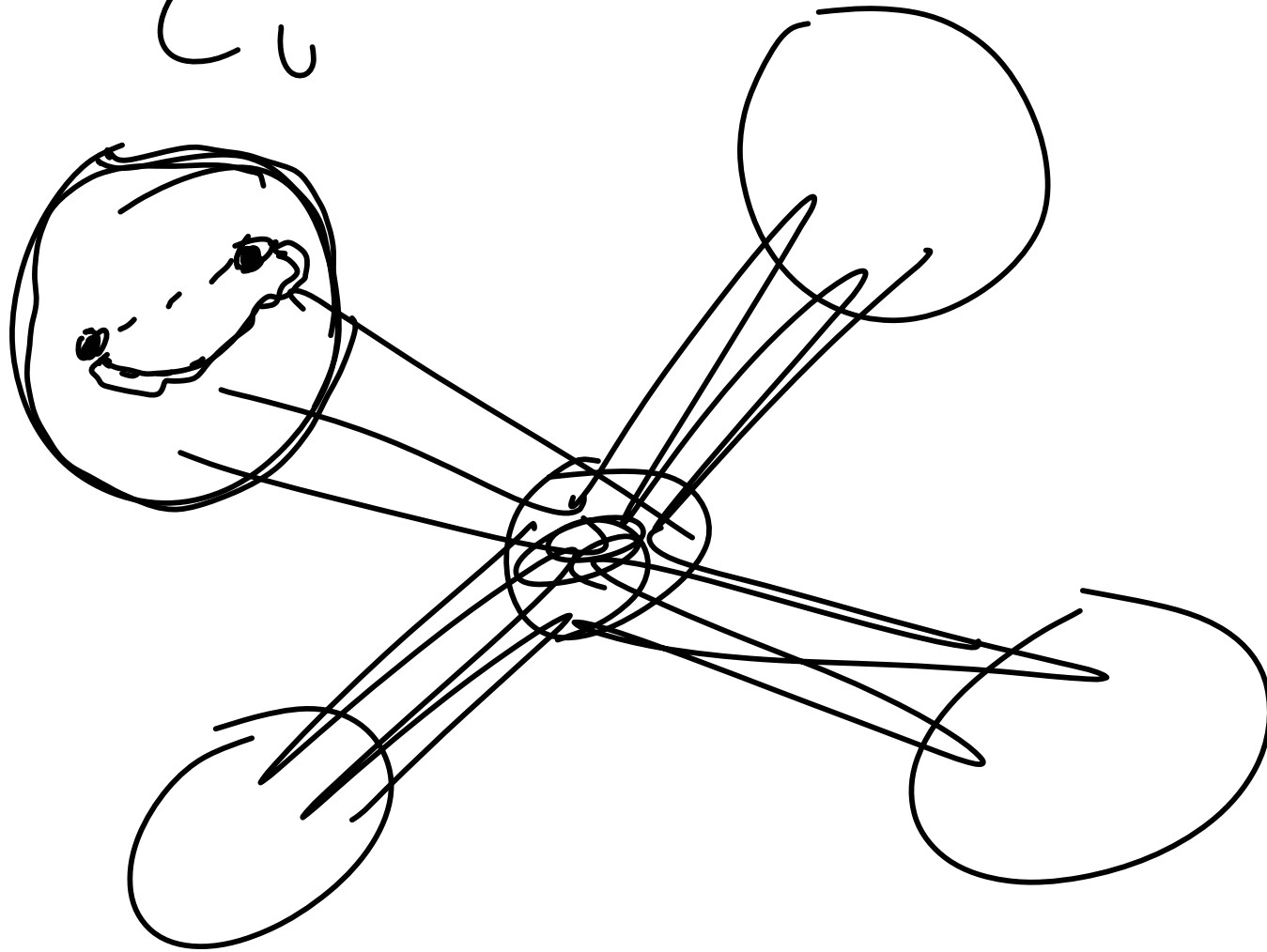


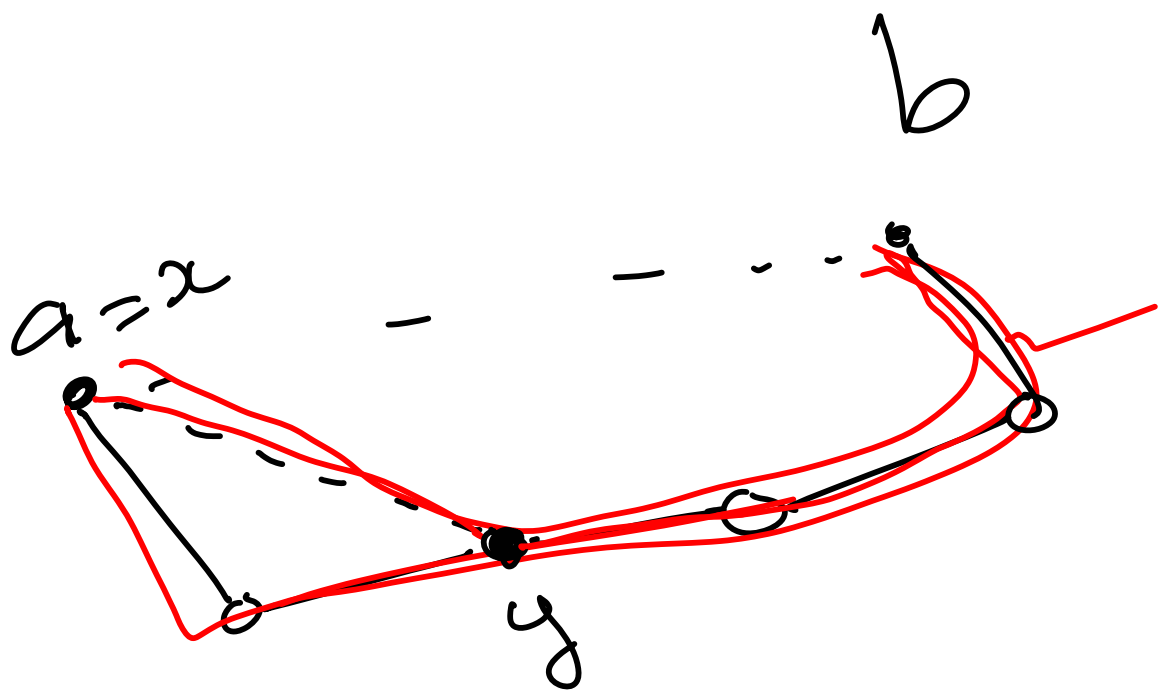






Li





b

