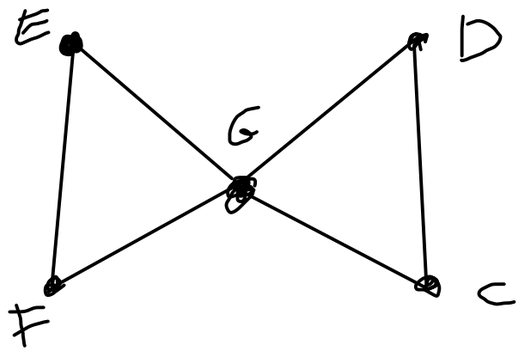


$(C+DG)(D+CG)(G+CDEF)(E+FG)(F+EG) =$

$= (CD + \cancel{C}CG + DG\cancel{D} + \cancel{DGCG})(\quad\quad\quad\quad) =$

$= (CD + CG + DG)(G + CDEF)(\quad\quad\quad) =$

$= (\cancel{CDG} + \cancel{C}\cancel{D}CDEF + CG\cancel{G} + \cancel{C}\cancel{G}CDEF + DG\cancel{G} + \cancel{DG}CDEF)(\quad\quad) =$

$= (CDEF + CG + DG)(E + FG)(\quad\quad) =$

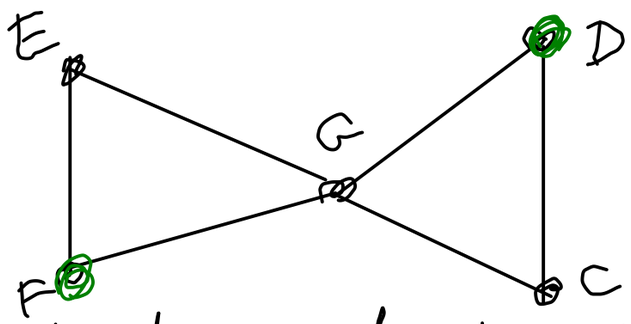
$= (CDEF\cancel{E} + \cancel{CDEEFG} + CGE + CGF\cancel{G} + DGE + DGF\cancel{G})(\quad\quad) =$

$= (CDEF + CGE + CGF + DGE + DGF)(F + EG) =$

$= CDEF\cancel{F} + \cancel{CDEFEG} + \cancel{CGEF} + CGE\cancel{E}\cancel{G} + CGF\cancel{F} +$

$+ \cancel{CGFEG} + \cancel{DGEF} + DGE\cancel{E}\cancel{G} + DGF\cancel{F} + \cancel{DGFEG} =$

$= CDEF + CGE + CGF + DGE + DGF$



Minimal coverings:

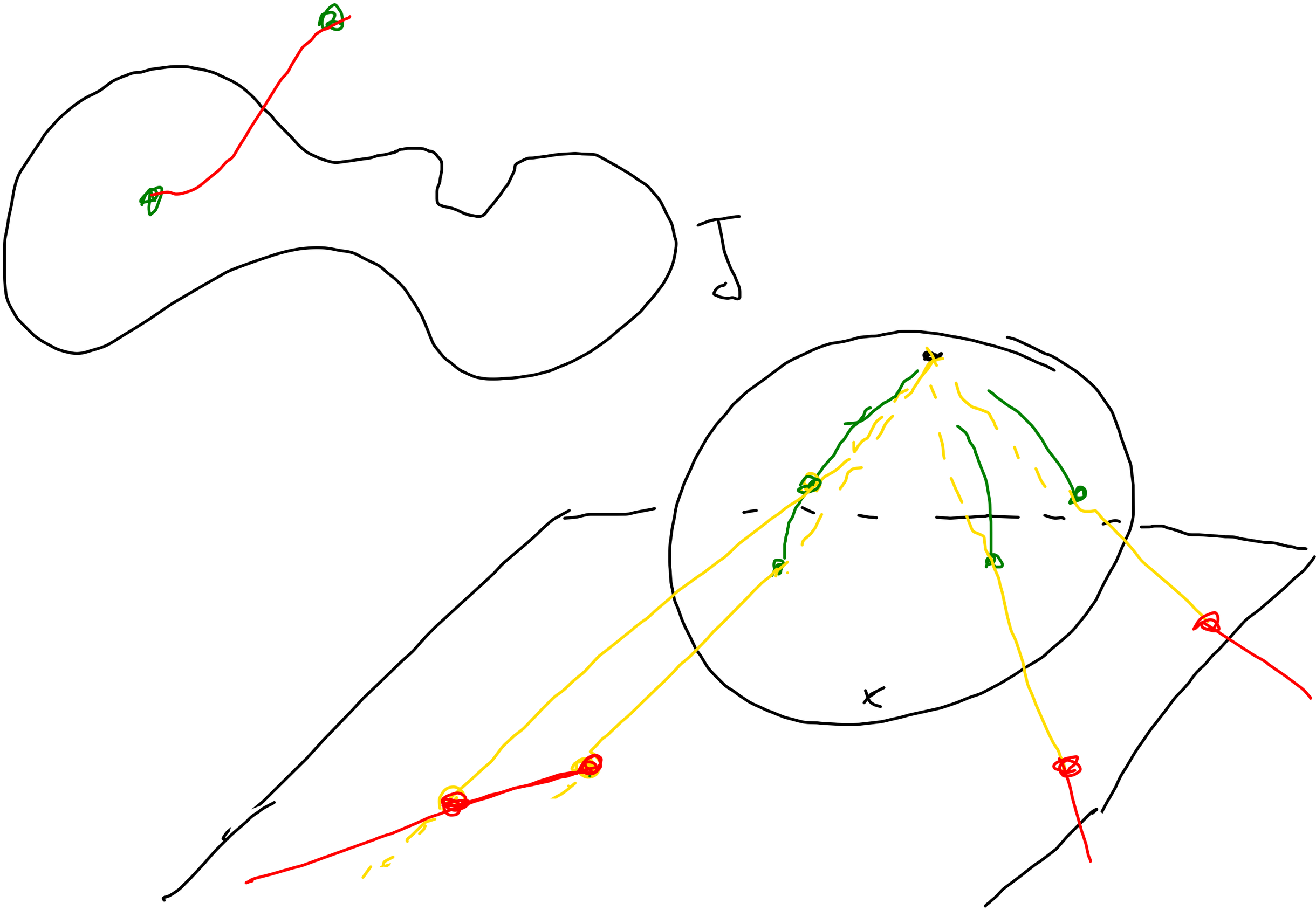
$\{C, D, E, F\}$,

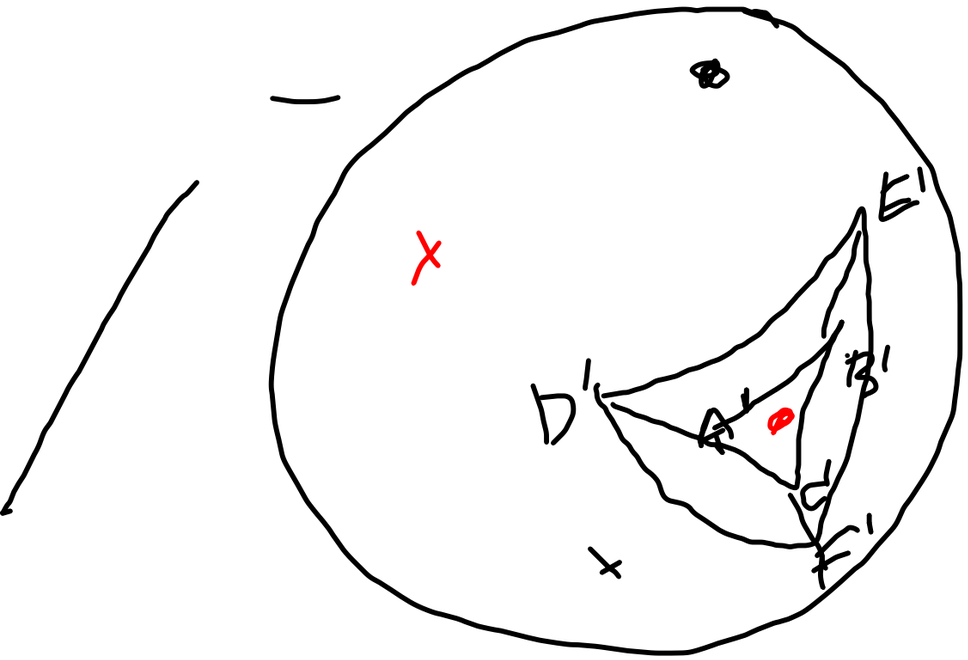
$\{C, G, E\}$, $\{C, G, F\}$,

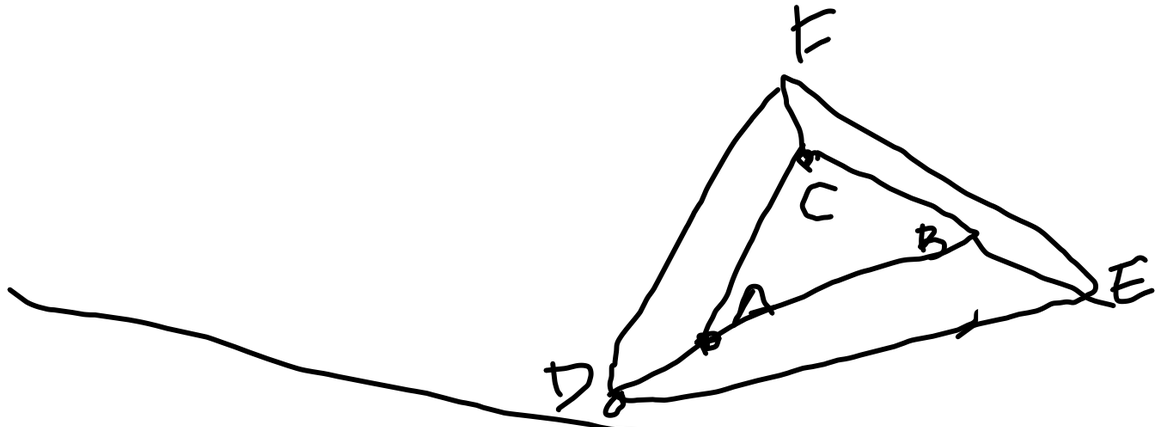
$\{D, G, E\}$, $\{D, G, F\}$

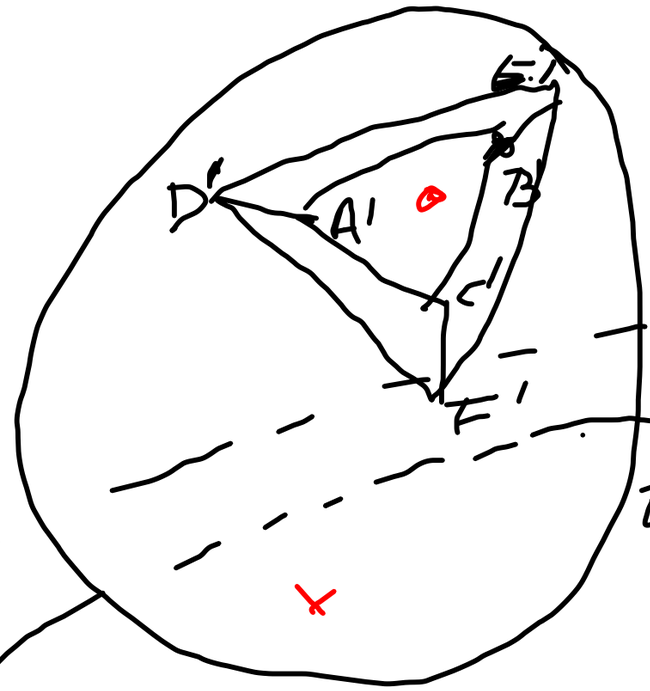
Maximal independent sets:

$\{G\}$, $\{D, F\}$, $\{D, E\}$, $\{C, F\}$, $\{C, E\}$

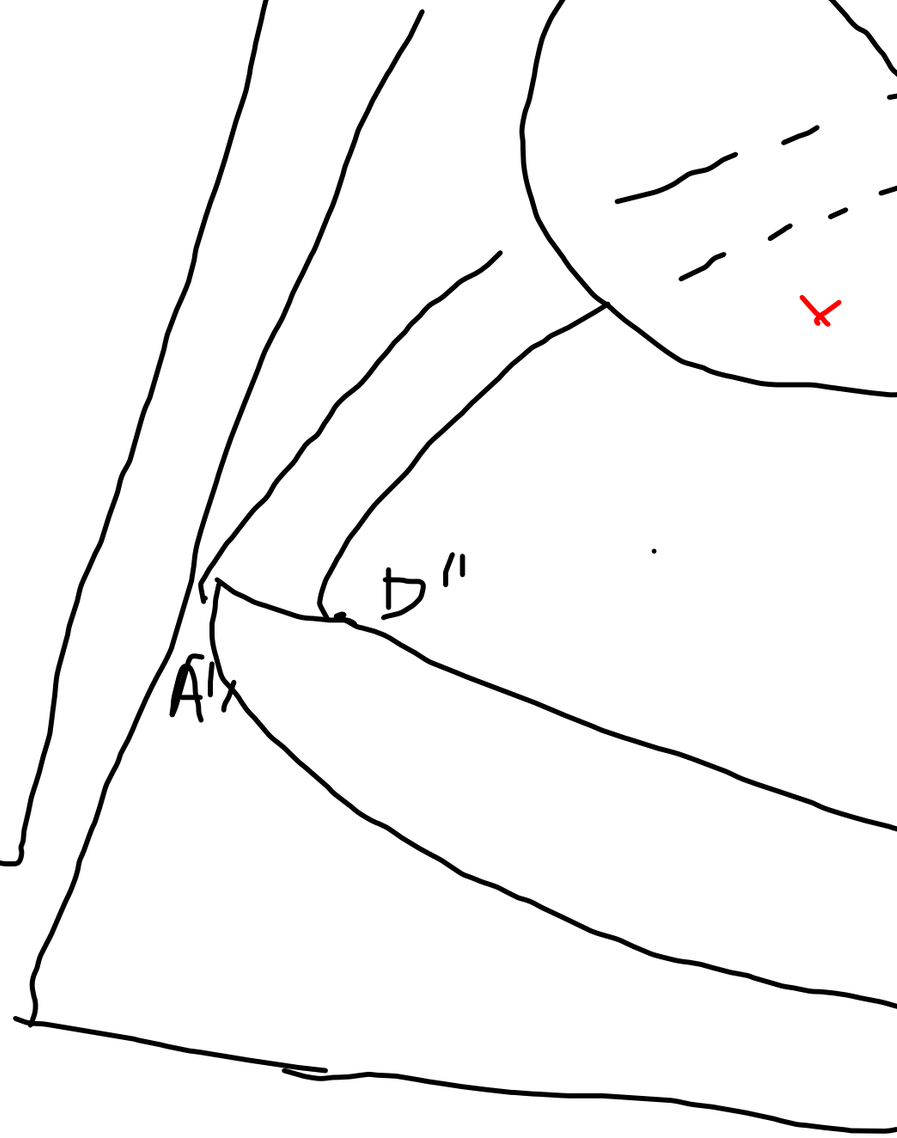

I
X

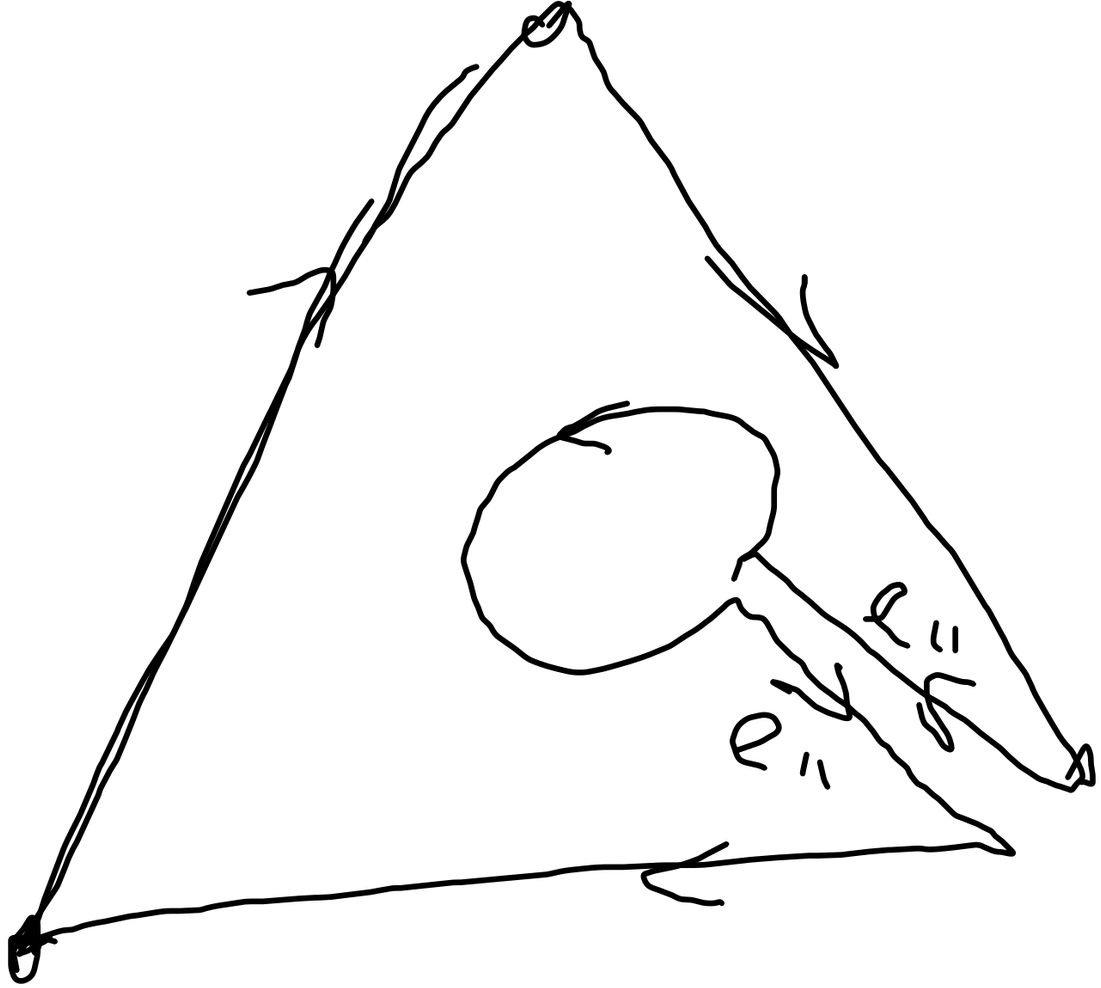

X
D'
A'
B'
C'
E'
F'

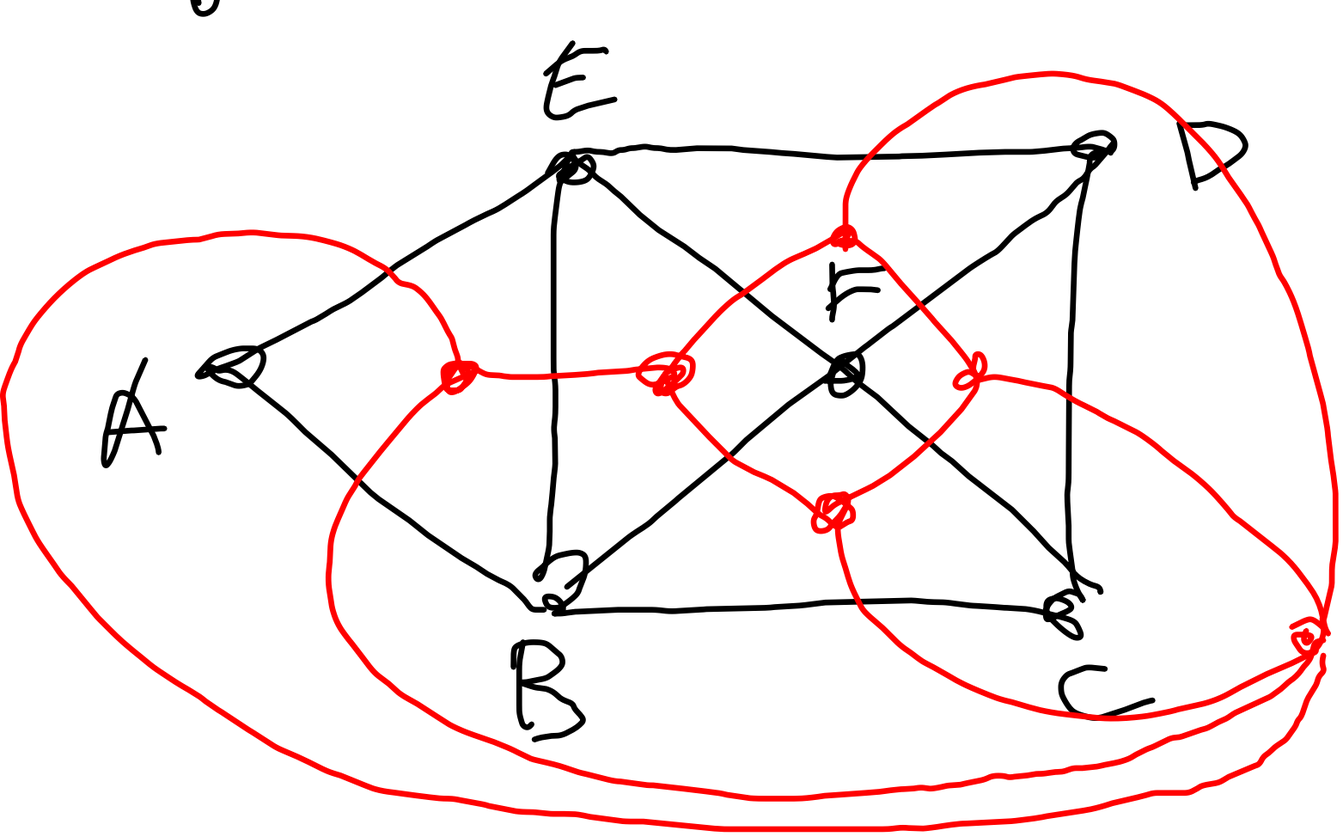

F
C
B
A
E
D

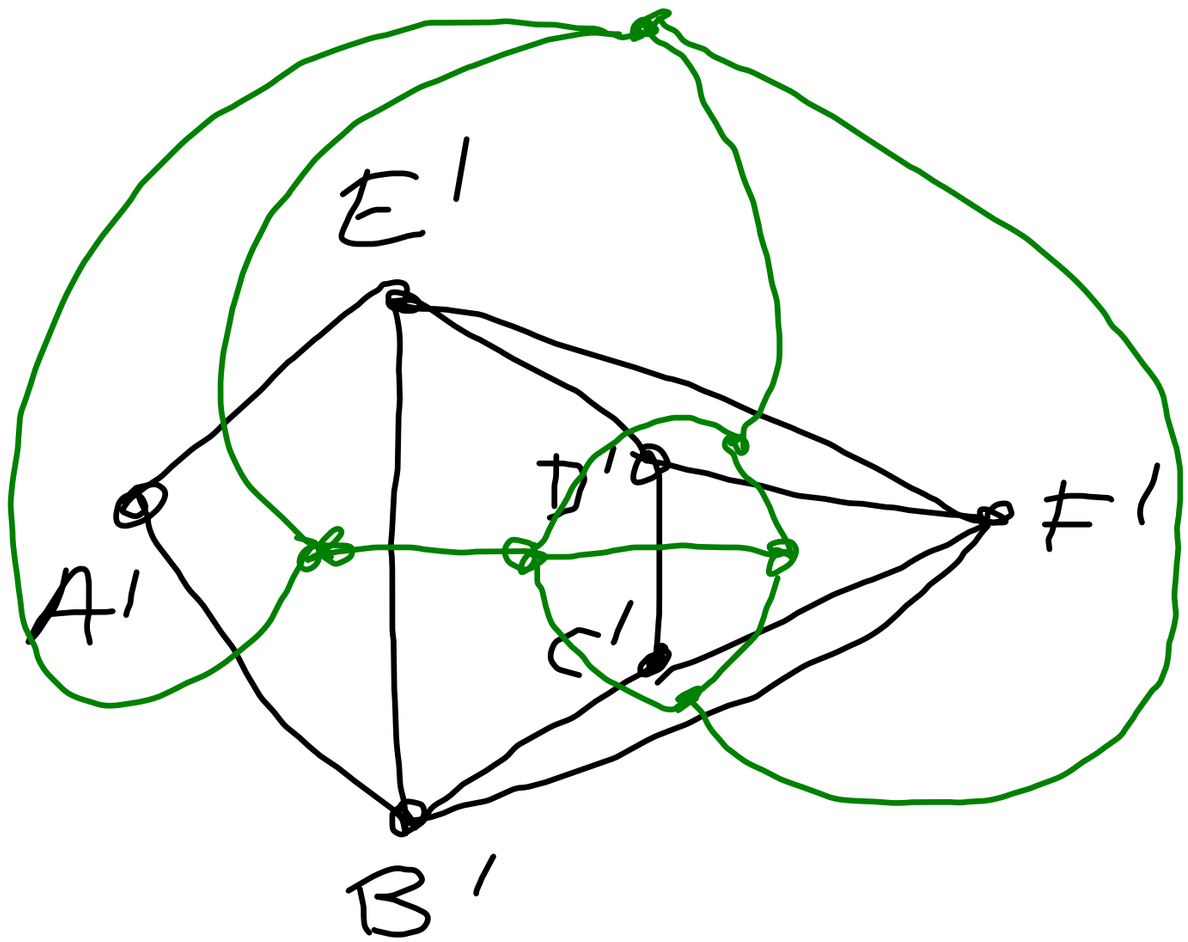

X
D'
A'
B'
C'
E'
F'

K'
E''


D''
A''
F''
C''


e''
e'


E
D
F
A
B
C


E'
D'
F'
A'
C'
B'