

#flo #disorganized #inclass

1 | title!

****WLOG:****

w/o loss of generality.

*The term is used to indicate the assumption that follows is chosen arbitrarily, narrowing the premise

ie, with two options, $u_2 \in u_1$ or $u_1 \in u_2$, dont have to do it twice can just write wlog

opposite of specificity

proof by contrapositive: really a proof by contradiction contradiction is a superset

contradiction symbol: $\#$ rotated 45

1.0.1 |coco's proof!

1.

really pretty notes.. ask about software #review

u_1 and u_2 are contained in u_3 .. so $u_1 \cup u_2$ is just u_3

backwards E: there exists

upside down A: for all

uhm-

1.0.2 |i need glasses

double containment proof

<https://docs.google.com/presentation/d/10bWN-C5J32Wen1DZaMvxBBKEDJ3gKNA2cH004X6hgvw/edit?usp=sharing>