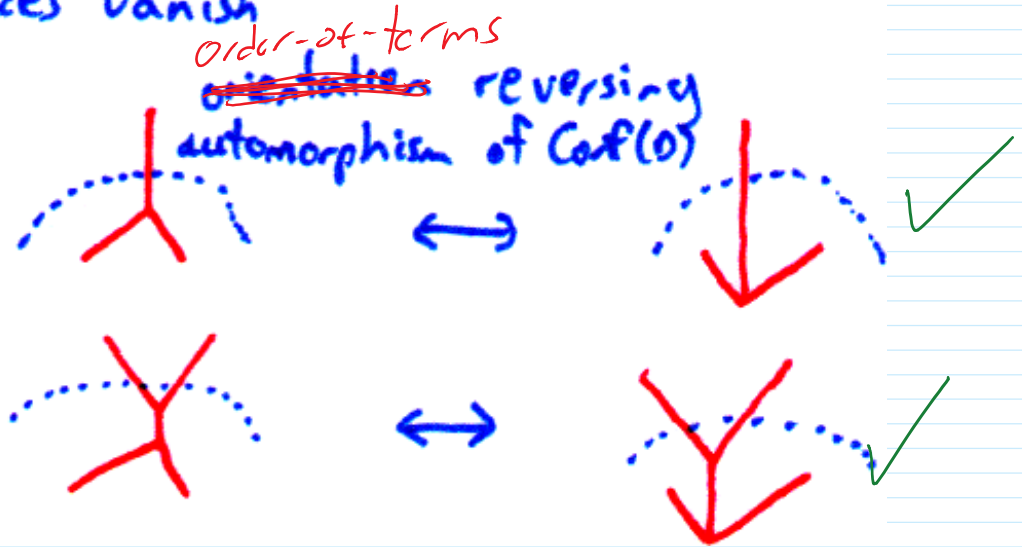


# Hidden faces vanish

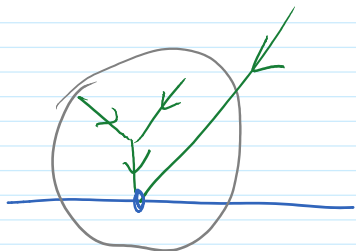
Usual trick:



Need to check: [Trees & wheels connected components]

1. Linked clusters

- ✓ a. collapse to 2-point. (above)
- ✓ b. collapse to 1-point. As above, with an extra case:

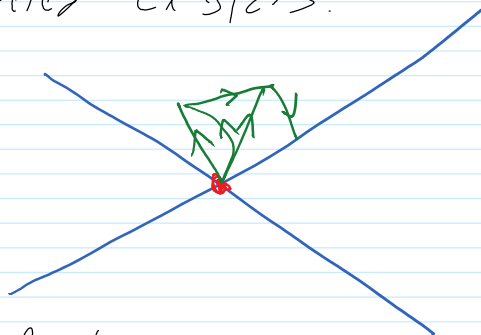


has an annihilating vector-field.

- ✓ c. collapse to 0-point.

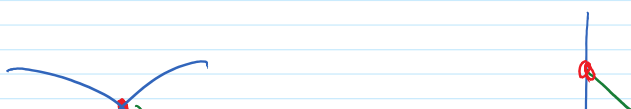
No new issues.

2. Isolated clusters.

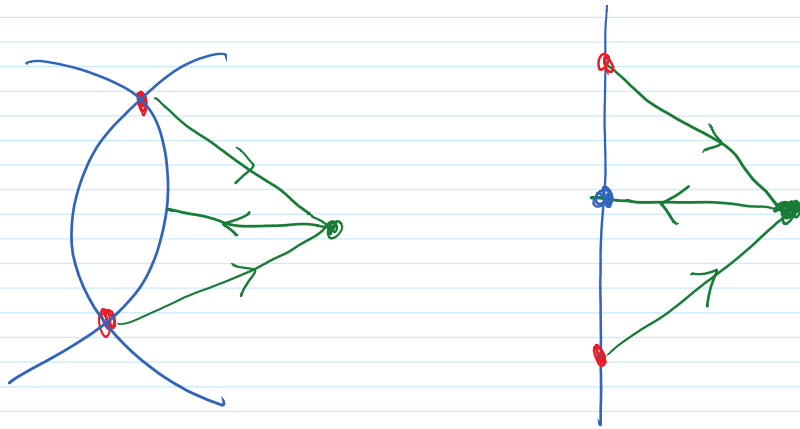


vanish by AS.

3.  $\mathbb{R}^2$  clusters.



vanishes given



vanishes given  
AS & CR2?

Q. what's  $FL(x,y)_n / (x+y)^n = 0$ ?

$$[x, x] + [x, y] + [y, x] + [y, y] = 0$$

no information.

can't we just mod out by  $R_2$  clusters?