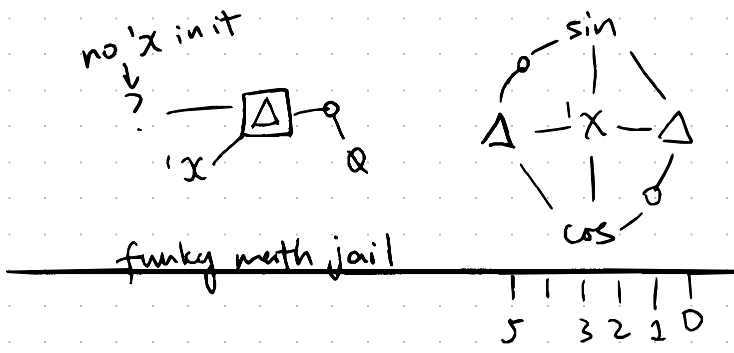
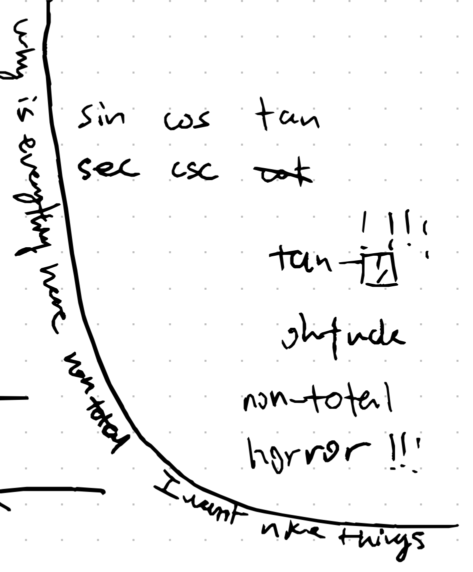
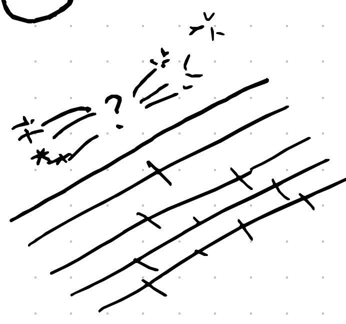
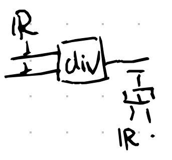
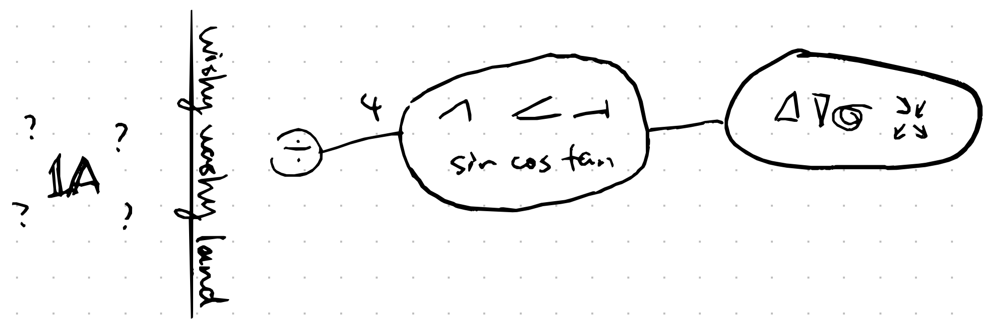
Symbolic Line ~~aaaaa~~ Operations

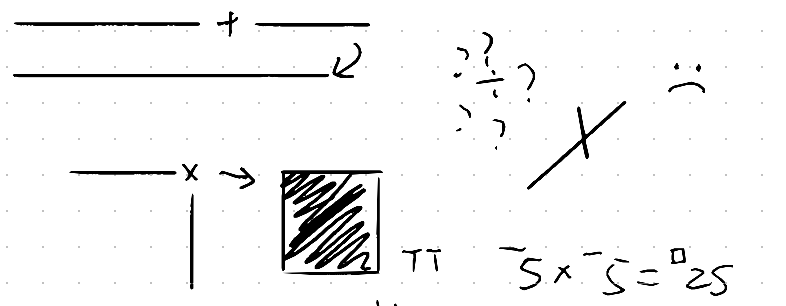






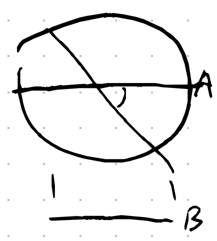




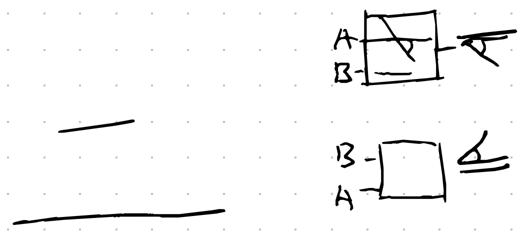


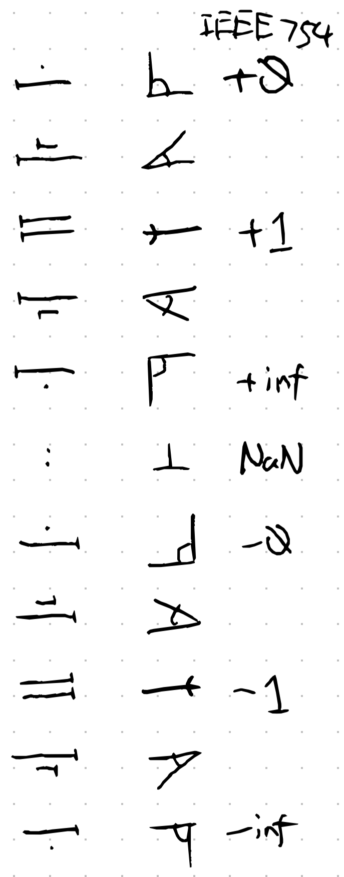
multiplication is not homogeneous

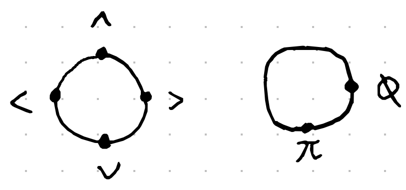
The ratio between two lengths is an angle†.

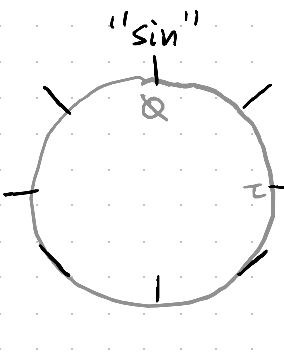


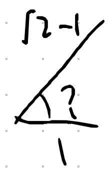
†maybe not - see bivector & rotor
name for this concept/type: idk



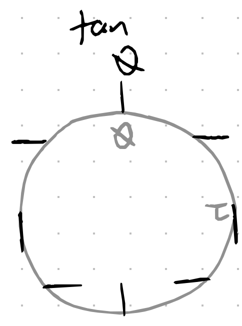


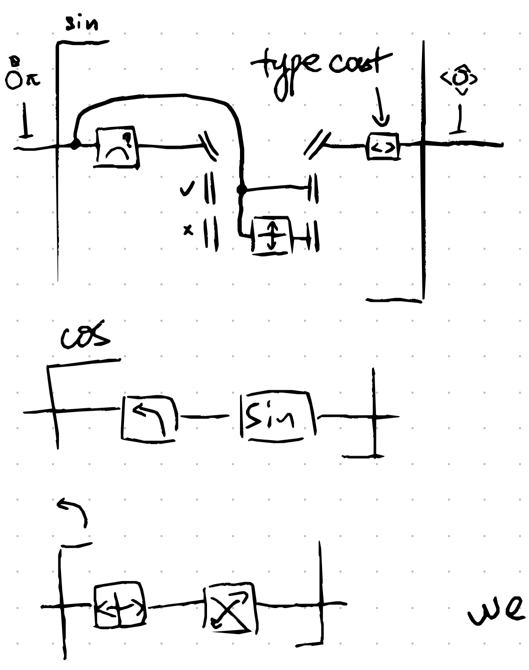


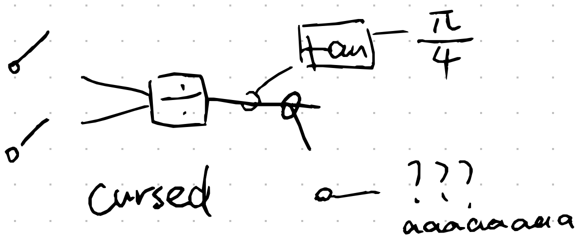




a=tan



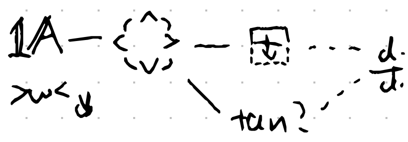




we are not dealing with angles anymore.

if length divided by length is a new type,
then angle ÷ angle is a new type as well.
This is cursed.

Roadmap



Why do we have different numbers masquerading as ℝ when they're clearly different?
It's definitely simpler in terms of computation simplicity, but I hate the over-generalisation.

$\frac{0}{0} = ?$ probably $\frac{0}{0} = \frac{x}{0} = v$

but like...

it can be here
(not in the $\langle\hat{0}\rangle$ set)

$\frac{0}{0} \notin \langle\hat{0}\rangle \qquad \frac{0}{0} = \bot$