

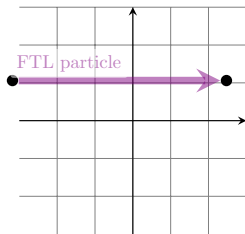
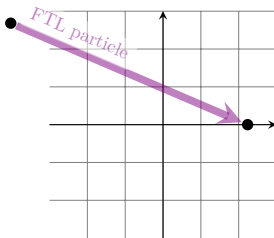
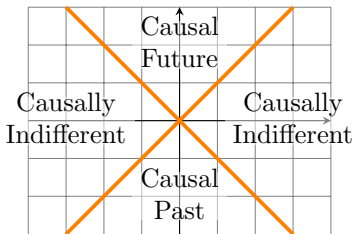
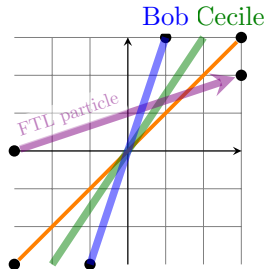
CAUSALITY

- **NoFTL** theorem: There is no faster than light observer.
- **NoFTL** hypothesis: There is no faster than light particle/effect.

The latter is a hypothesis because we can not prove it, although it is very well confirmed. (No FTL particle was discovered yet.)

Also note that, if FTL particles exist, then funny things exist, like

- “infinite speed”, existence in multiple locations
- time travel



And time travel makes fun of Causality. Who sent the FTL message, Cecile or Alice? What caused what?

Basically by these reasons it is usual to exclude FTL particles, i.e., **to assume the NoFTL hypothesis**.

But never forget, that this is a new axiom, which is not implied by the axioms of special relativity.