



















One-way speed of light

- Measure by reflecting light
 - two one-way speeds of light
 - harmonic mean equals c
- Synchrony conventions
 - define simultaneity for frames
- Conventions available
 - one-way speed always equals c
 - incoming or outgoing speed is ∞
 - other way speed is c/2

ref|90t



Equivalence principles

- Elevator example
 - detect acceleration down
 - is it gravity pulling things down or an
 - acceleration pushing the elevator up?
- Cannot tell the difference
- Same for expedience
 - detect expedience up
 - it is levity pulling the elevator up or
 - an expedience pushing things down?

