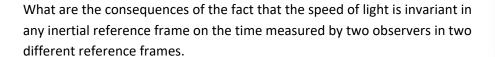
Time Dilation



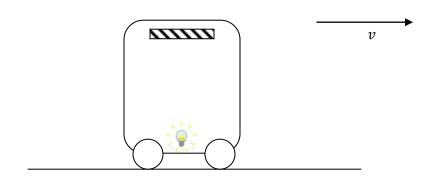


ONLINE:

http://www.youtube.com/watch?v=KHjpBjgIMVk

Consider a reference frame moving with the train

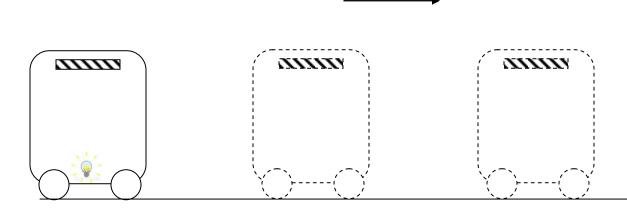
(Stationary Observer w.r.t the event)



v

Consider a reference frame as viewed from an observer on Earth

(Moving Observer w.r.t. the event)



Mathematical Analysis