

## Ex 30.1 Simultaneity

According to Luke, riding on the train:

"The strokes were simultaneous, since they are equidistant and I saw them simultaneously."

According to John, on the embankment

"The stroke at the rear occurred first, then the stroke at the front. I know this because they occurred at equal distances from me (see the bumps on the rails?) and I saw the rear stroke before the front stroke."

Luke only thinks they were simultaneous because he is traveling away from the rear stroke and towards the front stroke."