Reading Assignment #33
(due: Wednesday, December 1, 8 am)

Read: Taylor §15.7 – & §15.10

1. How are velocities related which are measured in different frames? Answer both in classical mechanics and in special relativity.

2. Define a four-vector.

3. If you describe the travel of a spaceship, where would it be with respect to the light cone (interior, on surface, exterior)?

4. Comments: What of this reading did you find most difficult and/or what did you find most interesting? What would you like to be discussed on Wednesday in class?