

Theoretical Physics
Prof. Ruiz, UNC Asheville
Chapter C Homework. Relativity and Four Vectors

The homework assignments are found in the Notes. You can think of it this way. We are giving the Practice Problems as homework and they are labeled as homework in the Notes. These are mainly filling in steps in the Chapter. You will be able to review your relativity and master it in this way.

HW-C1. Galilean Velocity Addition. See Notes for Question.

HW-C2. Relativistic Velocity Addition. See Notes for Question.

HW-C3. Perpendicular Velocity Formula. See Notes for Question.

HW-C4. Derivation of Einstein's Most Famous Equation. See Notes for Question.

HW-C5. Correspondence Limit. See Notes for Question.