

A quick review of special relativity

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1 The class lecture

The derivations and discussion made in class, seperated into appropriate sections.

- use appropriate environments.
- utilize itemize, equation, align/gather, definition environments.
- you can create your own divisions as you like.
- Make sure the document is structured.
- Use the cheat sheets/google/chatgpt if you feel stuck. If you paste the code block or error into chatgpt it will provide you approximate solutions.

1.1 Derivation of ———

some discussion, and starting the derivation

$$\text{equation1} \tag{1}$$

$$\text{equation2} == xxx \tag{2}$$

1.2 Discussion of ———

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2 Problems

2.1 Class Problems

Problem 2.1.1. *The problem statement.*

Solution. Type the solution of the problem here. The problem will be automatically numbered. ☐

Problem 2.1.2. *The problem statement.*

Solution. Type the solution of the problem here. The problem will be automatically numbered. ☐

2.2 Homework Problems

Problem 2.2.1. *The problem statement.*

Solution. Type the solution of the problem here. The problem will be automatically numbered. ☐