Time Dilation

Module: The Nature of Light

Table of contents

Overview

t = t $/\sqrt{(}$1-v^2/c^2)

Core Ideas

- Define the concept in your own words.
- Identify the key variables and relationships.
- Connect the concept to the module inquiry question.

Key Formulas

- **Time Dilation**:
$$t = \frac{t_0}{\sqrt{1 - \frac{v^2}{c^2}}}$$

Exam Focus

- Expect both multiple choice and short answer questions.
- Show working and use correct units.

Related Concepts

- Review the linked module section for context and extensions.