

Length Contraction

Module: The Nature of Light

Table of contents

Overview	1
Core Ideas	1
Key Formulas	1
Exam Focus	1
Related Concepts	2

Overview

$$l = l_0 \sqrt{1 - v^2/c^2}$$

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

- Length Contraction:

$$l = l_0 \sqrt{1 - \frac{v^2}{c^2}}$$

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.