

# Le Temps dans la Théorie T0

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# Chapter 1

## Le Temps

### 1.1 Introduction

Le temps est l'une des grandeurs les plus fondamentales et mystérieuses de la physique. La théorie T0 offre une nouvelle perspective sur sa nature.

### 1.2 Nature du temps

Dans la physique conventionnelle, le temps est :

- Une dimension de l'espace-temps
- Une coordonnée dans les équations de mouvement
- Le paramètre de l'évolution quantique

### 1.3 Perspective T0

#### title

Dans la théorie T0, le temps et la masse sont duaux :

$$t \cdot m = \text{constante} \quad (1.1)$$

Cela signifie que le temps n'est pas indépendant de la masse.

### 1.4 Flèche du temps

La direction du temps (passé  $\rightarrow$  futur) est liée au paramètre  $\xi$  :

$$\frac{dt}{d\tau} = f(\xi) \quad (1.2)$$

où  $\tau$  est le temps propre.

## 1.5 Implications

1. Le temps absolu n'existe pas
2. Chaque masse a son propre rythme temporel
3. L'univers est éternel (pas de Big Bang)

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