

Le Temps dans la Théorie T0

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Chapitre 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 ξ :

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

où τ 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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