

# Formules Basées sur l'Énergie

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2025

# Chapter 1

## Formules Basées sur l'Énergie

### 1.1 Introduction

Ce document présente les formules clés de la théorie T0 exprimées en termes d'énergie.

### 1.2 Énergie et masse

$$E = mc^2 \tag{1.1}$$

title

$$E_{T0} = mc^2 \cdot f(\xi) \tag{1.2}$$

### 1.3 Énergie et temps

L'incertitude temps-énergie :

$$\Delta E \cdot \Delta t \geq \frac{\hbar}{2} \tag{1.3}$$

### 1.4 Énergie du champ $\xi$

L'énergie caractéristique :

$$E_\xi = \frac{1}{\xi} \approx 7500 \text{ (unités naturelles)} \tag{1.4}$$

### 1.5 Densité d'énergie

Densité d'énergie du CMB :

$$\rho_{CMB} = \frac{\xi}{L_\xi^4} \tag{1.5}$$

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