

New Mathematical Physics for Energy Change Explanations

Souravlal Singha

Abstract: here we take $0^1=0$ =false and $0^0=1$ =true.

Main body

INTRODUCTION

Energy, a fundamental concept in physics, is often regarded as a static quantity. However, the notion of changing this energy state can be reinterpreted through a new algebraic lens. This paper illustrates how we can manipulate the static energy of a body, using numerical representation that correspond to true and false

Static energy example

Let us consider a body (body A) with an initial static energy of 76 calories. Our goal is to adjust this energy to 78 calories.

Current energy state:

$E_a=76$ calories

Target energy state

$E_{Target}=78$ calories

Algebraic Representation:

To transform 78 calories, we utilise our new algebraic definitions:

78 calories $=0=0^1$

Energy Manipulation: we can express this transformation as follows:

$78\text{calories}=0^1[1\times 0=0]=0^0=1$

Or, $78\text{cal}=0^1[1-1=0]=0^0=1$

Or, $78\text{cal}=0^1[1=0]=0^0=1$

Through this representations, we demonstrate that it is feasible to conceptualization changes in energy states using this algebraic framework.

CONCLUSIONS

So, in this way we can make numerical change in energy by boolean algebra.