Mathematical physics for energy change explanation (new Boolean algebra)

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***Abstract*:, true=1 and false =0.**

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 true and false values.

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=76 calories

Target energy state

Et =78calories

Algebraic Representation:

To transform to 78 calories from 76calories, we utilize our new algebraic definitions:

78cal=1-0=1(at the beginning 78=0 and here we can say that - =from. So, we can say 78 becomes true from false)

Or, 78cal=1

Or, 78cal =true

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

CONCLUSIONS

So we can see that it makes sense to say 1=true and 0=false.

It can explain energy change.