

Equivalence of information and immanence

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Jöge FM. Equivalence of information and immanence. J Pure Appl Math. 2023; 7(2):138

INTRODUCTION

An equation to describe the equivalence of information and immanence is developed.

The article, Information & Effect describes the equivalence of Information and Effect: $A = h \cdot \ln 2 \cdot H$. It is based on De Broglie's formula $A/h = S/k$.

Transforming the formula $Q=kT$ results in $Q_t = kTt \rightarrow A = kt$. Gives the equivalence of information and immanence:

$$I = \left(\frac{h}{k}\right) \cdot \ln 2 \cdot H \quad (1)$$

This equation enables information from the universe to be calculated from the drop in the hyperbolic temperature curve. This describes an application of equation (1) and in addition to the principle of immanence development an meaningful application of the concept of immanence [1].

Meaning of the symbols used

A = Action (effect) Immanence
H = Shannon's information entropy
I = Immanence = T • t
Q = thermal energy
Qt= thermodynamic effect
S = thermodynamic entropy
t = time
h = Planck's constant
k = Boltzmann's constant

REFERENCES

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