

A detailed explanation of some of the essence of the economy

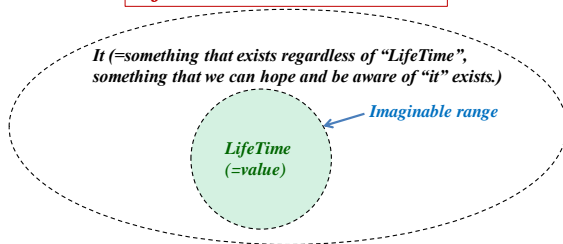
January 30, 2022 Yuji Masuda

y_masuda0208@yahoo.co.jp

Abstract

The purpose of this section is to provide complementary detailed explanations in my vixra No.61, 68, and 69. In the previous paper, I have shown that Ohm's law $V=RI$ holds if Money (Time) =V, Exchanging=R, and Something=I, Ohm's law $V=RI$ holds, and this law holds in economics as well.

$$\text{LifeTime} = \text{NewC} \times \text{It}$$

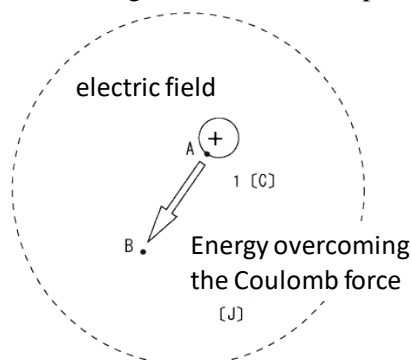


NewC (=what makes "LifeTime" a "LifeTime")
①Irreversible vector ②No reverse playback

$$\begin{array}{ccc} \text{Money} = \text{Exchanging}_{(\text{purchase})} \times \text{Something}_{(\text{products, information, etc})} \\ \downarrow \quad \quad \downarrow \quad \quad \downarrow \\ \text{Voltage} = \text{Resistance}_{(\text{load})} \times \text{Current} \end{array}$$

General comments

Now, if we move a charge of 1 [C] from two points in the electric field, point A to point B, this charge is subject to the action of a force based on Coulomb's law. In order to move the charge, it is necessary to exert a force that overcomes the Coulomb force. In other words, mechanical work is required. In the end, energy is required to carry the charge from point A to point B. The magnitude of this energy [J] is defined as the potential difference or voltage between the two points AB, and is defined as the unit [V]



Therefore, money is defined as the energy used to move something under the action of the Coulomb force in the field of electricity (I will explain what it is in the field of economics in the future).

Also, in Exchanging (=Purchasing), it corresponds to consuming Something's movement energy.

At the end

Of course, it goes without saying that for this system to work, a circuit must be formed, but the current financial system and the real economy have not yet even begun to reflect this system.

For this reason, I dared to create this short paper with the intention of creating a stir in modern economics.

Thank you very much for reading.