

Matter is Energy

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Abstract: A very simple change in wording can show why matter literally is energy. An additional explanation goes over why special relativity is not a revolutionary theory at all it is simply a play on words by a famous mathematician.

Definition of the conservation of energy according to the experts at Wikipedia:

*This states that **energy** can be neither created nor destroyed. However, **energy** can change forms, and **energy** can flow from one place to another.*

*This states that **matter** can be neither created nor destroyed. However, **matter** can change forms, and **matter** can flow from one place to another.*

What is the difference between matter and energy? There is none. Energy is matter. So saying that matter becomes energy or energy becomes matter is simply a waste of words in as much as saying cat becomes cat or dog becomes dog. The reader can replace the word energy with matter anywhere and it will still make sense. For instance:

Kinetic **Energy** is the **energy** of a moving object.

Kinetic **matter** is the **matter** of a moving object.

Potential **energy** is the **energy** of a non-moving object.

Potential **matter** is the **matter** of a non-moving object.

In physics – in particular, special and general relativity – mass—**energy** equivalence is the concept that the mass of a body is a measure of its **energy** content.

In physics – in particular, special and general relativity – mass—**matter** equivalence is the concept that the mass of a body is a measure of its **matter** content.

Well of course the mass of a body is a measure of how much matter it has! Mass-energy equivalence is no discovery in as much as mass-matter equivalence is! If the reader substitutes matter with energy and the sentence does not make sense, then there is something seriously wrong with the theory. If there is no further understanding, then the theory is redundant as is the case of special relativity, there is nothing special about it at all. It is simply an instance when non-communication was glorified. This glorification of non-communication is still happening to this day with physics being overrun by mathematicians. Purposeful non-communication protects careers and paychecks and keeps the grants flowing. See the author's definition of peer-review/referred journal.