Rest mass

Rest mass (physics), the <u>mass</u> of something that is not moving. All <u>matter</u> has some rest mass. <u>Energy</u>, such as light or kinetic energy (the energy of a moving object) has no rest mass because it causes no change in <u>spacetime</u> in a frozen time frame. However, energy affects mass while time passes; therefore, it affects spacetime, so it has mass. [1]

References

[change | change source]

1. ↑ "What is rest mass? How to explain it especially to the high school students?". PhysLink. Retrieved 2009-10-06.

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