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mathematical and computational
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Thermodynamics, science of the
relationship between heat, work,

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temperature, and energy. In broad terms, thermodynamics deals with the transfer of energy from one place to another and from one form to another. The key concept is that heat is a form of energy corresponding to a definite amount of mechanical

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thermodynamics is the area of
study that seeks to reconcile the

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mechanics of black holes has had
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Classical electrodynamics
developed by James Clerk

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Maxwell described the magnetic and electrical fields and forces, as well as light and other electromagnetic waves.

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formulation, a description often referred to as geometrical thermodynamics.

~~Thermodynamics — Wikipedia~~

A large class of theories in continuum mechanics takes as its starting point the balance laws for

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mass, for linear and angular momenta, and for energy, together with an entropy imbalance that represents the second law of thermodynamics.

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