

On Adiabatic Processes at the Elementary Particle level

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Abstract: Analysis of adiabatic processes at the elementary particle level and of the manner in which they correlate with the principle of conservation of energy, the principle of least action and entropy. Analysis of the initial and irreversible adiabatic acceleration sequence of newly created elementary particles and its relation to these principles. Exploration of the consequences if this first initial acceleration sequence is not subject to the principle of conservation.

Keywords: adiabatic process, acceleration, kinetic energy, conservation of energy, least action, entropy

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