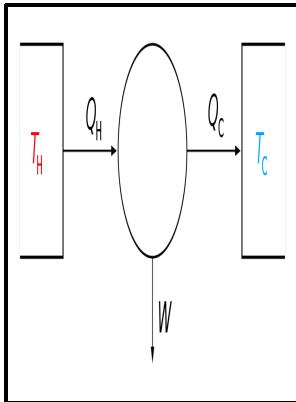


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However, both may be absorbed into a single statement: the entropy of an isolated system increases when a spontaneous change occurs.

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In other words, spontaneous changes are natural changes, like the cooling of hot metal and the free expansion of a gas. The properties of a system change due to the working process of energy inputs and outputs during the period of transformation energy.

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