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Thermodynamics And An Introduction To

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Introduction. A description of any thermodynamic system

employs the four laws of thermodynamics that form an

axiomatic basis. The first law specifies that energy can be

exchanged between physical systems as heat and work. The

second law defines the existence of a quantity called entropy,

that describes the direction, thermodynamically, that a system

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Thermodynamics - Wikipedia

Thermodynamics and an Introduction to Thermostatistics is a textbook written by Herbert Callen that explains the basics of classical thermodynamics and discusses advanced topics in both classical and quantum frameworks. The textbook contains three parts, each building upon the previous. The first edition was published in 1960 and a second followed in 1985.

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1. Introduction to Thermodynamics

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GASKELL Problem 2.8*One mole of a monatomic ideal gas at standard temperature and pressure (STP) undergoes the following three processes: 1. at constant Pressure the Temperature is doubled. 2.

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1. It is extremely general: there are no hypotheses made concerning the structure and type of matter that we deal with.

1.1 What it's All About

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