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In thermodynamics, a critical point (or critical state) is the end point of a phase equilibrium curve. The most prominent example is the liquid-vapor critical point, the end point of the pressure-temperature curve that designates conditions under which a liquid and its vapor can coexist. At higher temperatures, the gas cannot be liquefied by pressure alone.

Critical point (thermodynamics) - Wikipedia

The history of thermodynamics is a fundamental strand in the history of physics, the history of chemistry, and the history of science in general. Owing to the relevance of thermodynamics in much of science and technology, its history is finely woven with the developments of classical mechanics, quantum mechanics, magnetism, and chemical kinetics, to more distant applied fields such as ...

History of thermodynamics - Wikipedia

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The Second Law of Thermodynamics: Entropy and Evolution

Temperature [T]: a measure of the tendency of an object or system to spontaneously give up energy [9].. Said another way, the property of a body (as in a human molecule) or region of space that determines whether or not there will be a net flow of heat [Q] into or out of it from a neighboring body (as in a bonded companion) or region and in which direction (if any) the heat [Q] will flow.

Human Thermodynamics :: Glossary

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The Calculation of TTT and CCT diagrams for General Steels N. Saunders¹, Z. Guo², X. Li², A.P. Miodownik¹ and J.-P. Schill² 1Thermotech Ltd., Surrey Technology Centre, The Surrey Research Park Guildford GU2 7YG, U.K. 2Sente Software Ltd., Surrey Technology Centre, The Surrey Research Park Guildford GU2 7YG, U.K. Abstract Knowledge of the TTT or CCT diagrams of steels is an important factor ...

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