

The Exergy Method Of Thermal Plant Analysis

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KOTAS THE EXERGY METHOD OF THERMAL PLANT ANALYSIS PDF

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In thermodynamics, the exergy of a system is the maximum

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useful work possible during a process that brings the system into equilibrium with a heat reservoir, reaching maximum entropy. When the surroundings are the reservoir, exergy is the potential of a system to cause a change as it achieves equilibrium with its environment.

Exergy - Wikipedia

DOI: 10.1615/AtoZ.e.exergy Exergy is a quantity used by process engineers in analyzing energy flows in industrial processes to improve designs and to minimize total energy usage. The First Law of Thermodynamics states that in any process energy is conserved, and for a steady state flow process (1)

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