The Exergy Method of Thermal Plant Analysis

The Exergy Method also known as the Availability Analysis, is a method of thermodynamic analysis which uses the Second Law of Thermodynamics to analyze the thermodynamic losses in a system. It is based on the study of energy transfers, and it is used to evaluate the efficiency of a system.

The Exergy Method is used in various fields such as chemical engineering, power plants, and environmental control systems. It is a powerful tool for improving the design and operation of thermal systems.

The Exergy Method is based on the Second Law of Thermodynamics, which states that energy cannot be created or destroyed, but it can be transformed from one form to another. The Exergy Method uses this principle to quantify the losses that occur in a system.

This book aims to discuss the history, related concepts, applications, and development of the Exergy Method. It provides a comprehensive guide to the method and its applications in different fields.

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