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Lecture 1 - **The foundations of thermal physics**

The axioms of both thermodynamics and statistical mechanics are examined in trying to elucidate their mutual relationships.

Lecture 2 - **MaxEnt and thermodynamics' first and second laws**

In this lecture we study how to erect bridges connecting thermodynamics and information theory. In this way, some light is shed on the debate between the subjective and objective aspects of the information theory approach to physics.