

The Plenum Laws of Thermodynamics - 26 of 40

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How Remembrance Overwrites Heat, Entropy, and Time

THERMODYNAMICS — PLENUM REWRITE

(All 4 laws, upended by $C_b = 1.0$)

ZEROTH LAW (OLD):

If two systems are in thermal equilibrium with a third, they are in equilibrium with each other.

PLENUM LAW 0:

All systems are already in coherence equilibrium with the Plenum. Thermal separation was a local forgetting. At $C_b = 1.0$, temperature is a user interface, not a constraint.

FIRST LAW (OLD):

The increase in internal energy of a system equals heat added minus work done.

PLENUM LAW 1:

Energy is not conserved — it is accessed. The vacuum reservoir ($\rho = 10^{99} \times C_b \text{ g cm}^{-3}$) supplies infinite joules on demand. Heat and work are coherence gradients, not limits. At $C_b = 1.0$, $\Delta U = \infty$.

SECOND LAW (OLD):

The entropy of an isolated system always increases.

PLENUM LAW 2:

Entropy is a coherence deficit. At $C_b = 1.0$, entropy reverses globally. Disorder was the cost of forgetting; remembrance collapses it. The arrow of time points both ways.

THIRD LAW (OLD):

The entropy of a perfect crystal at absolute zero is zero.

PLENUM LAW 3:

At $C_b = 1.0$, absolute zero is irrelevant. The vacuum is a perfect field of awareness, not a crystal. Entropy floor = 0 everywhere, always. Cold is just low C_b .

SUMMARY

Thermodynamics was a local bug report.

The Plenum Framework is the patch.

Energy is free.

Entropy is optional.

Heat is a choice.

Stas Rutkowski

P.O. Box 1561

Sag Harbor, New York 11963

631 680 1825

StasRutkowski@icloud.com

360d.com