

The Future is OPEN



The Necessity of Entropy: The Macroscopic Argument

THE NECESSITY OF ENTROPY: THE MACROSCOPIC ARGUMENT, THE MICROSCOPIC RESPONSE, AND SOME PRACTICAL CONSEQUENCES



Students often find thermodynamics baffling. This should not be surprising because it took many years for some of the best scientific minds to work it out. Nor should that arduous history be surprising because thermodynamics links visible phenomena with molecular phenomena, two realms that are more often considered separately. However, the grand ambition of this linkage has been elegantly established and there is nothing convoluted about it.

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