

Contributions to TH-2002

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On a Discovery that an Entropy Law Behind the Redshifts Unifies Physics

This report demonstrates my discovery from 1992 of a new entropy law that solves the modern physics problems and replaces by experiments, facts and insight, all the ad hoc hypotheses like the quantum-misinterpretation, time-dilation, light-gravitation, black holes, dark matter and big bang. This awaited unified theory is empirical and derived from observations of Supernova 1987A, when shock-waves of light expanded in increasing wavelengths, like the dilating rings on a pond's surface. I have measured wave-elongations from experiments and derived the formula ($\Delta\lambda=k \cdot s$) that verifies a new entropy law. And as waves of water and light are analogical, right explanation of the galaxies' redshifted spectral-lines is revealed by this new formula. By Hubble's velocity / distance-parameter put into the new wave-displacement/distance formula, the right redshift-fraction appears: $6.63 \cdot 10^{-34}$. This is the correctly defined ENTROPY-CONSTANT that proves that energy is neither quantified nor discrete. Instead it reveals the cause and size of the REDSHIFTS / DISTANCE RATIO: and thereby disproves the big bang hypothesis! Also black hole as idea is falsified by this simple entropy principle, that –when unifying with Stefan-Boltzmann law and Wien's displacement law– explains that quasars are galaxies, and their apparently giant energy is just the fourth power of the difference of the radiation's temperature, that decreases proportionally to the covered distance. The radiation's entropy appears as redshifts and causes the emitted energy of higher potential to decrease towards lower potential into equilibrium as microwave radiation, that is the heath-death of the universe.