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Cal Instability Of Black Holes.10 Although There Is, At Present, No Experimental Evidence For The Existence Of Microscopic Black Holes In The Universe, Their Possible Formation At The Early Stages Of Cosmological Expansion And Subsequent Evaporation Is A Significant Factor In Governing The Choice Of A Cosmologically Consistent Model Of The Theory Of Elementary Particles." The Quantum Theory ... Jan 1th, 2024

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Things Like Black Holes And Gravitational Lensing Of Light). This Concept Has Been Verified By Abundant Observational Evidence (see "Background Information"). This Is One Of A Set Of Activities That Illustrates Various Effects Of Gravity, Or Curved Space. How Much Space Curves, Depends On Two Things: 1) How Much Mass Is Present. More Mass, More Curvature, Therefore Stronger Gravitational ... Feb 1th, 2024

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That Black Holes Thermally Radiate And Calculated The Black-hole Temperature. The Main Feature Of The Bekenstein-Hawking Entropy Is Its Proportionality To The Area Of The Black-hole Horizon. This Property Makes It Rather Different From The Usual Entropy, For Example The Entropy Of A Thermal Gas In A Box, Which Is Proportional To The Volume. In 1986 Bombelli, Koul, Lee And Sorkin [23 ... Jun 1th, 2024

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Black Holes, Thermodynamics And Entropy Are Three Topics Which Both Separately And Together Raise Several Quite Deep And Serious Questions Which Need To Be Addressed. Here An Attempt Is Made To Highlight Some Of These Issues And To Indicate A Possible Linkage Between The Accepted Entropy Expression For A Black Hole And The Paradox Linked To Black Holes And Information Loss. Key Words ... Jan 1th, 2024.

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