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Journal of Physics A: Mathematical and Theoretical

In 1996, Andrew Strominger, Shing-Tung Yau and Eric Zaslow proposed this method as a general approach for converting any symplectic space into its complex mirror.

Star-Swallowing Black Holes Reveal Secrets in Exotic Light

Chapter 1 From Newtonian to Lagrangian Mechanics Classical mechanics is a peculiar branch of physics with a long history. It used to be considered the sum total of ...

Lectures on Classical Mechanics - University of California

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Abstract: We propose novel positive numerical integrators for approximating predator-prey models. The schemes are based on suitable symplectic procedures applied to ...

American Institute of Mathematical Sciences

McGraw-Hill, New York, 2010, second edition, 1122 p. Preface: Physics is intended for a two-semester college course in introductory physics using algebra and ...

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Let \$H=(V,E)\$ be a hypergraph, where \$V\$ is a set of vertices and \$E\$ is a set of non-empty subsets of \$V\$ called edges. If all edges of \$H\$ have the same cardinality ...

Mathematics authors/titles "new"

In physics, string theory is a theoretical framework in which the point-like particles of particle physics are replaced by one-dimensional objects called strings.

String theory - Wikipedia

The Orch OR theory proposes quantum computations in brain microtubules account for consciousness. • Microtubule †quantum channels' in which anesthetics erase ...

Consciousness in the universe: A review of the â€~Orch OR

Haag, Rudolf @ K Fredenhagen. w D Kastler "An algebraic approach to quantum field theory" JMP 5 (1964)

848-861 [>qft-algebraic]. "Observables and fields" in Deser ...

References: H - Department of Physics and Astronomy

Smoothed-particle hydrodynamics is being increasingly used to model fluid motion as well. This is due to several benefits over traditional grid-based techniques.

Smoothed-particle hydrodynamics - Wikipedia

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Special Relativity and Classical Field Theory | Not Even Wrong

See the complete listing of technical program sessions to be held at the SEG 2017 Annual Meeting.

Technical Program Sessions for SEG Houston 2017

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