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#### The Future Of Spacetime Stephen

The Gödel metric is an exact solution of the Einstein field equations in which the stress-energy tensor contains two terms, the first representing the matter density of a homogeneous distribution of swirling dust particles (dust solution), and the second associated with a nonzero cosmological constant (see lambdavacuum solution). It is also known as the Gödel solution or Gödel universe.

#### Gödel metric - Wikipedia

Singularity. A singularity in solutions of the Einstein field equations is one of two things: . a situation where matter is forced to be compressed to a point (a space-like singularity) a situation where certain light rays come from a region with infinite curvature (a time-like singularity)

#### Penrose-Hawking singularity theorems - Wikipedia

In science fiction, space and time warps are a commonplace. They are used for rapid journeys around the galaxy, or for travel through time. But today's science fiction, is often tomorrow's science fact.

#### **Space and Time Warps - Stephen Hawking**

Biography of the science fiction author Stephen Baxter. James Hutton and the True Age of the World Weidenfield and Nicolson June 2003

#### **Stephen Baxter: Author**

The books and novels of science fiction author Stephen Baxter.

#### **Stephen Baxter: Books**

arXiv:1810.01847v4 [hep-th] 13 Dec 2018 Black Hole EntropyandSoft Hair Sasha Haco\*†, Stephen W. Hawking\*, Malcolm J. Perry\*†\( \) and Andrew Strominger† Abstract A set of infinitesimal VirasoroL \( \omega \) VirasoroR diffeomorphisms are presented which act non-trivially on the horizon of a generic Kerr black hole with spin J.

### Black Hole EntropyandSoft Hair arXiv:1810.01847v4 [hep-th ...

Time travel — moving between different points in time — has been a popular topic for science fiction for decades. Franchises ranging from "Doctor Who" to "Star Trek" to "Back to the Future ...

#### Time Travel: Theories, Paradoxes & Possibilities | Space

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#### Godel and the End of Physics - Stephen Hawking

Stephen Hawking hypothesized, and more or less proved with mathematical and physics models, the idea that the universe has no space-time boundaries. He explained it like this: "The Big Bang theory says that the universe of matter and energy began at a single point, which reached a critical mass ...

#### What Discoveries Were Made by Stephen Hawking? | Owlcation

Albert Einstein and the Fabric of Time. Surprising as it may be to most non-scientists and even to some scientists, Albert Einstein concluded in his later years that the past, present, and future all exist simultaneously.

#### Albert Einstein and the Fabric of Time - Everything Forever

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#### How Our Solar System Will End In The Far Future - Forbes

Researchers at Heriot-Watt University in Edinburgh have developed a new formula to quickly

calculate the temperature of a black hole. They say it is simple and powerful, and offers fundamental ...

#### Taking the temperature of black holes - BBC News

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#### VideoFromSpace - YouTube

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#### **Environment - The Telegraph**

Сті́вен Ві́льям Го́кінг (у деяких українських виданнях— Гокінґ) (англ. Stephen William Hawking; 8 січня 1942 (), Оксфорд, Велика Британія— 14 березня 2018, Кембридж, Велика Британія)— фізик-теоретик, відомий своїми дослідженнями в ...

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