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Laser cooling of antihydrogen atoms

Polarimetric Constraints on the Optical Afterglow Emission from GRB 990123

Magnetism And Synchrotron Radiation Towards

The result, physicists say, suggests that there are forms of matter and energy vital to the nature and evolution of the cosmos that are not yet known to science.

The fact is that America's electric power grid and much of its critical infrastructure today is totally vulnerable to an electro-magnetic pulse (EMP) and, should such an event occur, the consequences ...

Event Horizon Telescope sees the magnetic engine behind a supermassive black hole's immense power

Green chemistry and biofuel: The mechanism of a key photoenzyme decrypted

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We've imaged a black hole's magnetic field for the first time here's what it reveals

For The First Time, Twisted Light Reveals Magnetic Fields Around The Black Hole M87*

The electrons spin around the magnetic field lines at nearly the speed of light, and when they do they emit light called synchrotron radiation. This light is ... of the black hole bends it up and ...

What would happen if you stuck your body inside a particle accelerator? One Soviet researcher experienced this but lived to tell the tale.

Finding from particle research could break known laws of physics

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The electro-mechanical and electro-thermal properties of high-performance Restacked-Rod-Process (RRP) Nb 3 Sn wires are key factors in the realization of compact magnets above 15 T for the future ...

Machine learning applied to X-ray tomography as a new tool to analyze the voids in RRP Nb 3 Sn wires

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