

Local Geometry Of The Fermi Surface And High Frequency Phenomena In Metals



Local Geometry Of The Fermi

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 λ -vacuum solution). It is also known as the Gödel solution or Gödel universe.

Gödel metric - Wikipedia

Ultracold Quantum Gases Group. Our research group at the Physikalisches Institut of Heidelberg University performs fundamental research in the fields of quantum and atomic physics. In our experiments, we use ultracold atom clouds to understand how complex quantum systems behave. In particular, we are interested in questions related to how strong interactions, reduced dimensionality (1D and 2D ...

Ultracold Quantum Gases | Physikalisches Institut

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The Math Forum - National Council of Teachers of Mathematics

Jiffy is an informal term for any unspecified short period of time, as in "I will be back in a jiffy". From this it has acquired a number of more precise applications for short, very short, extremely short, ultra short or hyper short periods of time.

Jiffy (time) - Wikipedia

Full Features New features with respect to CRYSTAL14 are in italics and red Hamiltonians. Hartree-Fock Theory; Restricted (RHF) Unrestricted (UHF) Restricted-Open (ROHF)

CRYSTAL17 Program Features

Named for Hermann Grassmann, a 19th-century German linguist and mathematician who studied its properties, "the positive Grassmannian is the slightly more grown-up cousin of the inside of a triangle," Arkani-Hamed explained.

Physicists Discover Geometry Underlying Particle Physics ...

Discovered decades ago, the quantum Hall effect remains one of the most studied phenomena in condensed matter physics and is relevant for research areas such as topological phases, strong electron ...

Quantum Hall effect based on Weyl orbits in Cd₃As₂ | Nature

Material. Perovskite AlrO₃ (A = Ca, Sr) crystallizes in an orthorhombic perovskite structure with the GdFeO 3-type lattice distortion as shown Fig. 1a. The electronic state nearby the Fermi energy ...

Strong-correlation induced high-mobility electrons in ...

The official website of Alain Connes. Operator algebras and quantum field theory (Rome, 1996), 330-358, Internat.

Alain Connes -- Bibliography

IN COMMEMORATION OF THE CENTENNIAL of Andrei Nikolaevich Kolmogorov (25.IV.1903 - 20.X.1987) Scopes and Themes. The Conference will cover the main areas of A.N. Kolmogorov's scientific interests with an emphasis on his vision of Mathematics in its fundamental unity as well as recent developments in the fields:

Andrei Nikolaevich Kolmogorov

A powerful, streamlined new Astrophysics Data System. data system. loading...

NASA/ADS

TURBOMOLE V7.2.1 (November 2017) Turbomole version 7.2 shows (on some CPU types with AVX2 and newer) unexpected behavior when running the SMP parallel version (job seems to run, but does not proceed).

TURBOMOLE Release Notes - COSMOlogic - Predicting Solutions

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Events - IHES

CHEM 164. Structural Biology of Viruses (4) (Cross-listed with BMM 164.) An introduction to virus structures, how they are determined, and how they facilitate the various stages of the viral life cycle from host recognition and entry to replication, assembly, release, and transmission to uninfected host cells.

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VideoFromSpace - YouTube

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