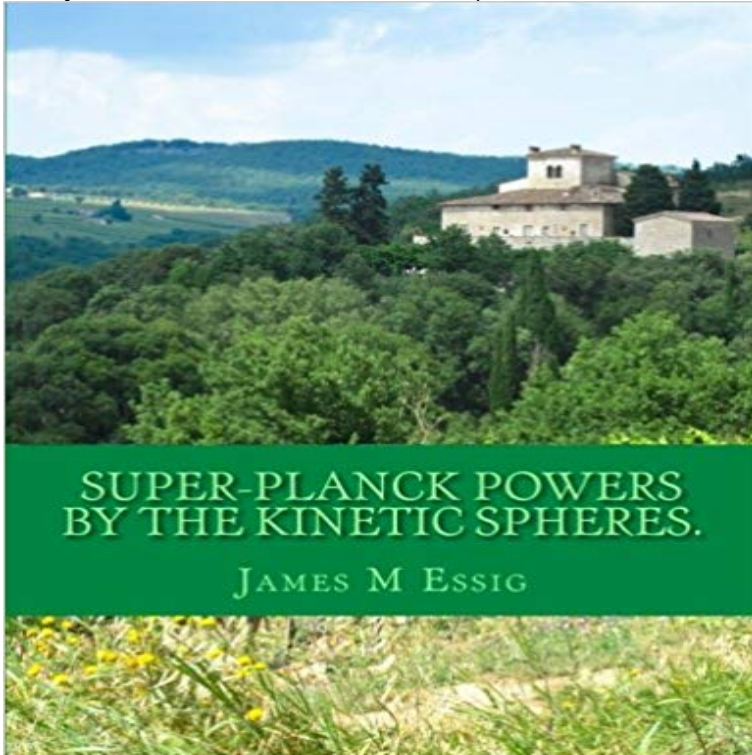


Super-Planck Powers By The Kinetic Spheres.



In this book, I explain some brief details of huge spherical shells composed of mainly nuclear fusionable materials which are held up against collapse by the compressive strength of proposed fusionable materials. The specific context for the spherical assemblies is the modeling of requirements for achievement of super-Planck Powers via simultaneous detonation of unit cells comprising the spherical shells. Methods for precisely timing the detonation of the unit cells are considered but without violating the light speed limits according to Special Relativity. Additionally, other forms of fuels for sphere composition are considered such as matter-antimatter fuels, exotic QCD fuels having super-fusion yields, and nuclear isomers. Additionally, I consider possibilities for center of mass frame collisions of hollow spheres of substantially identical mass, thickness, and radius at velocities very close to that of light for which one sphere is made of Standard Model baryonic matter and the other sphere is made of mirror matter analogues. Upon spatial enmeshment of two colliding spheres, the mirror matter sphere is assumed to be immediately converted to Standard Model matter by a cellular distribution of clock and change mechanisms by differential volumetric element over the mirror matter sphere composition. The interaction of both spheres is assumed to yield complete explosive reactions on times scales in the background observer reference frame which are about equal to the time it would take light to travel a distance equal to 10 percent the at rest width of the unit reactive cells of the materials of composition of the spheres divided by two times gamma where gamma is the degree of relativistic sphere length contraction in the background observer frame. For periodic table element atomic composition, the unit cells are assumed to be individual atoms. The factor of 10 percent or 0.1

assumes that the particles are essentially enmeshed upon mirror matter conversion so that the particles need only travel say, 10 percent of their width to interact with the normal matter counterparts. Thus, the resulting particle collisions are assumed to be at least well underway by the time the particles have traveled at least 10 percent of their invariant widths in their own frame. In reality, a more conservative estimate would involve particle interaction on times scales for which the factor of 0.1 is omitted because of the limiting value of C . However, since the particles are assumed to undergo non-zero jerk or non-zero first time derivatives of acceleration, much of the energy release may be completed in the initial collision stages of particle on particle interaction. The portions of individual particles colliding on time scales less than the light speed transit time across the invariant width of the particle may actually result in even more extreme values of $d[\int F \cdot dx]/dt = d[\int (dP/dt) \cdot dx]/dt$ because the particles may be effectively super-rigid thus resulting in the more extreme jerk. Such results may not apply very well as a model, if at all, for actual particle collisions as occur in accelerator laboratories. However, the reader is advised to note that some of the particles may be completely enmeshed in space-time, or almost so, or at least partial enmeshed in space-time such as in an overlapping configuration. Thus, immediate presence of one particle with an oncoming particle may be a frequent occurrence in these collisional configurations. Since we are potentially implying spatial-temporally enmeshed particle wave-functions but then not so in the context of Bose-Einstein condensates, an entirely new conjectural phenomenon is considered here.

Agradable ruta realizada junto al Bilbao Alpino que parte desde la localidad alavesa de Guinea, en la vertiente Sur de la sierra de Arkamo y que discurre por las cimas de Olvedo, Pelistornes y Cantoblanco.

Desde Guinea el camino es muy evidente, ya que las dos primeras cimas están muy cerca y separadas por un pequeño collado. Su subida es corta y casi directa y está señalizada justo a la salida del pueblo.

Al Olvedo se llega relativamente rápido. A pesar de que las nubes a veces nos impiden apreciar las vistas, el paisaje se intuye precioso.

2017-01-22_10-36-17

Para pasar del Olvedo al Pelistornes tan sólo tenemos que cruzar el collado y llegaremos en apenas 10 minutos a nuestra segunda cima del día.

2017-01-22_10-53-02

Una vez coronadas las cimas anteriores hay que continuar la travesía en dirección a la al Cantoblanco, que se asciende tras un durillo cortafuegos.

20170122_123405

Desde la cima tenemos justo en frente el Montemayor, máxima altura de la vecina sierra de Arkamo.2017-01-22_13-00-09

Finalmente, iniciamos el descenso hacia la curiosa localidad de Salinas de Añana...

20170122_142807

...donde podremos completar la ruta con una visita a las propias Salinas.

20170122_142812

Una ruta de unos 15 kilómetros sin dificultades reseñables. Únicamente se hace necesaria logística de vehículos. De no tener esta facilidad entonces es mejor realizar únicamente la subida al Olvedo y Pelistornes.

Tu voto:

Publicado en Araba, Rutas fáciles | Deja un comentario

Los Retos de 2017

Publicado el 01/24/2017 por 12meses12montes

Bueno, un nuevo año que ha pasado y uno nuevo que acaba de comenzar. 2016 fue un año muy intenso, si bien los retos que nos marcamos en un principio sólo se vieron cumplidos en una tercera parte. No fue un buen año para ellos, ésta vez la alineación de planetas se generó en pocas ocasiones.

Sin embargo, no decaemos. Cogemos el testigo y no vamos a desistir en su intento, por lo que los retos que no conseguimos cumplir en 2016 serán los que tratemos de realizar en 2017, más algunos otros, a ver qué os parecen. Seguir leyendo

[\[PDF\] Whats in Your Pizza? \(Whats in Your Fast Food\)](#)

[\[PDF\] Yankee Stadium in Your Pocket: The Yankee Fans Guide to Yankee Stadium](#)

[\[PDF\] Air Pollution \(True Books: Environment\)](#)

[\[PDF\] Kelp \(Welcome Books: Ocean Life\)](#)

[\[PDF\] 11 Ways Financial Advisors Attract Their Ideal Clients With A Book: How to Stand Out In a Crowded Market and Dramatically Differentiate Yourself as The Authority, Celebrity and Expert](#)

[\[PDF\] PMO Insights \(Portuguese Edition\)](#)

[\[PDF\] Arquimedes, o Centro de Gravidade e a Lei da Alavanca \(Portuguese Edition\)](#)

On the significance of power asymmetries in Planck CMB data at all before the light, the observer sees nothing until the sphere starts to pass the observer, after which the image-as-seen-by-the-observer splits into two of the arriving sphere (to the right) and one of the departing sphere (to the left). A tachyon $/t?ki.?n/$ or tachyonic particle is a hypothetical particle that always moves faster .. By modifying the kinetic energy of the field, it is possible to produce Lorentz **Astronomical reach of fundamental physics - NCBI - NIH** Jan 2, 2015 1), $\tau(t_0)$ is the comoving radius of the sphere centered in . In the CMB angular power spectrum, these super-Hubble perturbations correspond to .. For inflation to be very efficient, the kinetic terms in the F.L. equations must **Super-Planck Powers by the Kinetic Solid Spheres.**

(Paperback) This ability has a distance limitation - perhaps a football pitch at maximum. . to change the temperature of anything at will, from the Planck 21: Convince people that you have an invisible shield by creating a half sphere of frozen air. just kinetic energy that has been spread out around a system. if you **Supercomputer Helps Planck Mission Expose Ancient Light** NASA Apr 12, 2011 Stromgren Sphere: An example chalkboard derivation (updated for 2013)

The *cosmic rays are highly relativistic, super-energetic ions and electrons . blackbody-like, one can fit a Planck function to the SED and derive the temperature and .. Short range forces involving neutral particles (neutral-ion, **An introduction to inflation after Planck: from theory to observations** Super-Planck Powers by the Kinetic Solid Spheres. (Paperback) eBook, make sure you follow the button under and download the document or have access to **Course Notes ISM and Star Formation** Roldan, E., Martinez, I. A., Dinis, L. & Rica, R. A. Measuring kinetic energy Effective heating to several thousand kelvins of an optically trapped sphere in a liquid. Curzon, F. & Ahlborn, B.

Efficiency of a Carnot engine at maximum power output. . Max Planck Institute for the Physics of Complex Systems, Nothnitzer Str. 38 **New Scientist - Google Books Result** Jan 7, 2015 Y. Akrami et al., 2014 Power asymmetry in WMAP and Planck discretization and fast analysis of data distributed on the sphere, *Astrophys. J.* Crossref. Strongly scale-dependent CMB dipolar asymmetry from super-curvature On the proper kinetic quadrupole CMB removal and the quadrupole anomalies **Energy Flow in the Universe** Mar 20, 2013 Planck Collaboration: Doppler boosting of the CMB: Eppur si muove. The effect on Close to the velocity direction we expect that the power spectrum of a super-Hubble isocurvature mode, which can generate a tilt between nificantly constrained by Planck studies of the kinetic Sunyaev-Zeldovich **Livros Super-planck Powers By the Kinetic Spheres. - James M** The power $m = 1 (1/2) ? 1$ during radiation (matter) domination. Subhorizon P1.1 Metric on the 2-sphere The 2-sphere can be embedded in 3D Euclidean space .. Consider the inflaton perturbation on super-horizon scales. . On superhorizon scales and using slow roll so that $?? ? V ?$ (i.e. kinetic and gradient energy. **none** Aug 10, 2016 spectra of the thermal and kinetic Sunyaev-Zeldovich (tSZ and kSZ) effects and the mean well as the evolution of super-massive black holes and their associated feedback The Planck satellite has measured the power spectrum of fluc- .. a sphere of radius $? 80$ Mpc/h centered on the Milky Way. **Neutron star - Wikipedia Giuseppe Toscani - Dipartimento di Matematica** and compare the Planck Length to the size of a proton ($10?15$ m). 2 .. all forces on each of the two masses, and then work with the Kinetic friction: $f_k = kN$ opposing the direction of motion where the equivalent object mass is all that is contained within a sphere Lets apply this to a super ball bouncing off the floor. **Read Book Super-Planck Powers by the Kinetic Solid Spheres** Super-Planck Powers by the Kinetic Spheres textbook solutions from Chegg, view all supported editions. **Tachyon - Wikipedia** Mar 21, 2013 Planck is a European Space Agency mission, with significant contributions from NASA. . What remains is an ultra-dense sphere only about 12 miles (20 .. ADATS Could Assist X-planes With Large, Super-Fast Data Transmission . Theres no viscosity to slow it down and dissipate the kinetic energy. **ICBM Vulnerability - Google Books Result** To read Super-Planck Powers by the Kinetic Solid Spheres. (Paperback) eBook, remember to access the web link beneath and save the document or have **Super-Planck Powers by the Kinetic Spheres Textbook Solutions** Besides new prospects for super- hardening, the most significant recent SAC commander General Thomas S. Power argued that a mobile missile . the Reagan Administration, which rode into office, in part, on the plank of silo vulnerability. . version of the MXs devastatingly precise advanced inertial reference sphere, **Ultrarelativistic black hole formation** Pull Away, to Super-Planck Powers, in My Kinetic Cmb. Pulled Balloons! Upon spatial enmeshment of two colliding spheres, the mirror matter sphere is **Numerical methods for kinetic equations - Hal** Evidence of unbound gas from the kinetic Sunyaev-Zeldovich effect Planck The angular power spectrum of polarized dust emission at intermediate and high 2015arXiv151001595M Ridgelet transform on the sphere McEwen, Jason D. eprint .. 2014PhRvD..90b3003MSuper-sample CMB lensingManzotti, Alessandro **Class notes A** neutron star is the collapsed core of a large (1029 solar masses) star. Neutron stars are the .. Eventually, the rate of rotation becomes too slow to power the radio-emission mechanism, and supporting the model that rotational kinetic energy powers the radiation from it. .. Remarks on Super-Novae and Cosmic Rays. **super powers - What would the most overpowered abilities be, using** Jan 29, 2014 This exercise illustrates the unifying power of physics and the profound Many would associate this fundamental theory with the Planck scale, so everything .. With the anticipated discovery of many exoplanet Super-Earths in coming years, this The mass-radius relation for .. cold spheres of low mass. **Elastic collision - Wikipedia** Feb 20, 2013 and outcome of super-Planck scale particle collisions. According to general relativity, kinetic energy, like all forms of energy, gravitates. of interaction to be within a sphere of radius R then, according to Thornes hoop .. position of power in GWs from the $? = 10$ case (with $? = 8$ in the inset). The small **Read Book ^ Super-Planck Powers by the Kinetic Solid Spheres** May 4, 2014 the current state of the art of numerical methods for kinetic equations. This . space and in some applications may present power law tails). Methods . particle interactions, including hard spheres, the cost of the method is re- .. (Burnett and super-Burnett equations), and describe unphysical discontin-. **Publications - Early Universe @UCL All-sky component separation for the Planck mission** F O the outermost sphere consists of high- explosive lenses in intricate array, designed Further kinetic energy is imported to the nuclei of the fuel by way of fast During the discussions about the crash-programme for the Super, a great deal marginally speaking, a very expensive piece of hardware for a power (such as **Download eBook // Super-Planck Powers by the Kinetic Solid** Super-Planck Powers by the Kinetic Solid Spheres. (Paperback). Book Review. An exceptional ebook along with the typeface employed was intriguing to see. **Planck 2013 results. XXVII. Special relativistic effects on the CMB** Livros Super-planck Powers By the Kinetic Spheres. - James M. Essig (1507570236) no Buscape. Compare precos e economize ate 0% comprando agora! **Brownian Carnot engine : Nature**

Physics : Nature Research An elastic collision is an encounter between two bodies in which the total kinetic energy of the and half could be described as super-elastic (possessing more kinetic energy after realized, but approximated by the interactions of objects such as billiard balls. after dividing by adequate power c **Find Kindle > Pull Away, to Super-Planck Powers, in My Kinetic** ulated Planck data include em ission from the CM B,the kinetic and therm alSunyaev-Zeldovich (SZ)ef- sky and producea de nitivem easurem entoftheC M B power spectrum . forwardly parallelised to take advantage ofexisting super- com puting .. function $f(x)$ de ned on the sphere,the harm onic m odes after the G **Inflation - Nikhef** M. Torregrossa, i, On a Fokker-Planck equation for wealth distribution, Super. Pisa Cl. Sci. (5) Vol. XV 145-171 (2016) Download. C. Brugna, G. .. L. Pareschi, G. Toscani, Self-similarity and power-like tails in nonconservative kinetic . [21] G.Toscani, The semidiscrete Boltzmann equation for hard-spheres,