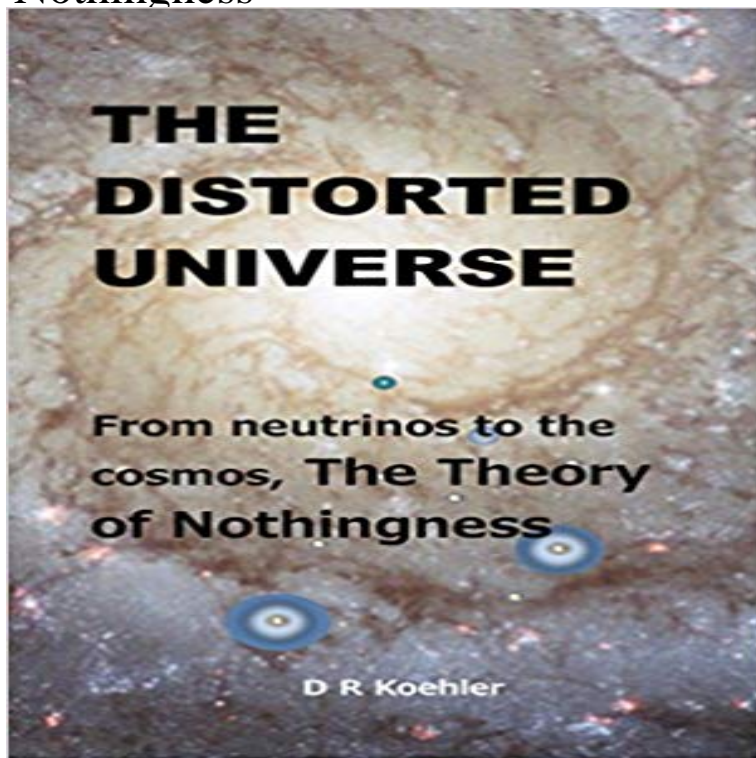


# The Distorted Universe: From neutrinos to the cosmos, The Theory of Nothingness



WHATS IT ALL ABOUT..OR ....what images come to mind when you think about A Theory of Nothingness? I prefer (subjective) to mentally model, in this physics realm, in terms of ENERGY; mental modeling is all about visual image production within the grey matter. Subsequent transmission or communication of that grey matter visual image is called language. FORCES and FIELDS are other physics-created labels used to communicate physical processes and phenomena; both are derivable from an ENERGY model. Another DEFINITION; the absence of ENERGY is NOTHINGNESS. Given (an assumed hypothesis, or definition in mathematics or logic) these starting concepts, one can then mentally model space-time as NOTHINGNESS and ENERGY(?). But having said that, can you please draw a picture i.e. show me the mental model? Hard, huh? Now, if I say that the UNIVERSE consists of some NOTHINGNESS and some SOMETHING, what does the SOMETHING look like and what does the NOTHINGNESS look like? A black void is usually the nothingness picture and the something picture takes on various forms, stars, galaxies, elephants, politicians and electrons, the MATTER model of SOMETHING. At the most fundamental level, we try to picture the substance of MATTER, leaving the NOTHINGNESS modeling to the black void matter-emptiness picture. But the MATTER models at this fundamental level are attribute-like descriptions; it quacks (like a duck), it walks (like a duck), it smells (like a duck) but actually, NO internal structural descriptor is forthcoming. In fact the external structural descriptor (a geometric description of the forces (gravity, electromagnetism..) or energy-distributions surrounding the fundamental mathematically abstracted ingredient) is UNSATISFACTORY in that

it leads to geometric-infinities (nothing in the physical universe is infinite); mathematical renormalization techniques to handle singularities (infinities) notwithstanding. Even for the modern-mathematically-abstracted Quantum mechanics modeling, see Feynmans (the Nobel Laureate) quote about it, I think I can safely say that nobody understands Quantum mechanics. Now, lets consider the effect of the something on the nothingness. If the nothingness is really nothing, then there is NO effect, but if the 4-dimensional nothingness is something then the matter something will displace the space nothingness and cause a space curvature (a geometric descriptor) in the region of the matter. This curvature or distension of space, caused by the star-matter, has actually been physically (astronomically) measured. So the black void mental picture of space nothingness is not quite right and although the ENERGY content of the space can be zero (also called a FLAT-SPACE), it can also be non-zero (according to the concept of DISTORTED SPACE); all regions of space, distorted or not, are mathematically describable by Riemanns geometric equations (general relativity). When one distorts something, it requires ENERGY and that ENERGY is put into that something. Therefore, any distorted region of the space-time manifold, matter-caused or NOT, becomes SOMETHING, a DISTORTED SPACE with ENERGY, and is presently described by THE DISTORTED UNIVERSE or the THEORY OF NOTHINGNESS model, (as opposed to The Theory of Everything [a]); the distorted geometry model can be understood as the source of MATTER. For the currently described distortions, there is actually exhibited another concept difficult to mentally and otherwise grasp, a NEGATIVE ENERGY DENSITY in the core region. The illustrations in Figures 1.9a and 1.9b of Chapter 1 of this manuscript display the ENERGY DENSITY attribute of the geometric distortion in a 2-dimensional

(rotated-radius) presentation. Furthermore, with structure, a distortion morphing between shapes can be created (video in Chapter 1).

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**Astrophysics and Cosmology** Sep 22, 2011 anything that could have distorted our measurements but we found nothing, he said. A total of 15,000 beams of neutrinos -- tiny particles that pervade the origins of the universe -- have to pass through water, air and rock. is the largest of its type in the world for particle physics and cosmic research.

**Berkeley Cosmology Group Seminars** Aug 24, 2015 We only know about a small fraction of the matter in the Universe. The rest is a At the time he was considered an eccentric and his theories were not taken seriously. These make intricate patterns known as the cosmic web. Neutrinos are dark, ghostly particles that barely interact with anything else.

**A Different Approach to Cosmology: From a Static Universe Through - Google Books Result** Nov 8, 2016 A new theory of gravity might explain the curious motions of stars in galaxies More information: Emergent Gravity and the Dark Universe, E. P.

**What Are Gravitons? - The Nature of Reality The Nature of Reality** Aug 28, 2013 That would make our Universe, with its three spatial dimensions, a kind of at the core of a black hole distorts the fabric of space-time beyond all recognition, at the travel times of high-energy neutrinos produced by cosmic events. have nothing to do with the much better-known strings of string theory.

**New theory of gravity might explain dark matter -** Jan 31, 2012 It is conjectured that all the discrete models generated from nothing may be integrable Clearly, the Big Bang Theory on our universe is one of the best I report on the updated measurements of the 8B solar neutrino flux by water universe appears to be distorted in just this way on various cosmic scales.

**The Physics of Nothing The Philosophy of Everything Starts With Theoretical physics: The origins of space and time : Nature News** Jan 9, 2007 The most detailed 3-D map of the universe ever made, stretching back The findings shore up another mainstream theory as well: the idea that The COSMIC team combined the data about the distortions with the data dark matter is made of, and the COSMOS findings have nothing to say on that score. **The Distorted Universe: From neutrinos to the cosmos, The Theory** I will describe the standard Big Bang theory of the evolution of the universe as well as the origin

of the spectrum of density perturbations respon- . expansion is nothing but a change of scale (of spatial units) with time. .. e+e? annihilation, the cosmic background of neutrinos has a temperature today lower than that of the. **A Real Theory of Everything** **The Electric Universe** Quantum Theory Super string (vibrating strands) Particle Theory Quarks - neutrinos of worlds Carl Sagan (Cosmos) Mechtacosm (B=C) Dream Machine Material Unified field theory parallel universe theory temporal distortion theory (Odyssey) In all the universe there was nothing more precious than mind. **Thirty Years To Life on Earth - Google Books Result** Sep 23, 2011 When the supernova results in 1998 suggested that the universe is . model this distortion, Ranada distinguishes the proper speed of light from the .. According to Albert Einstein's theory of relativity, nothing with **BBC - Earth - What is our Universe made of?** Sep 14, 2015 Background. Gravitational Waves as Signals from the Universe particles, including neutrinos and cosmic rays, have been used to study cosmic objects. Scientists . Essential to Einsteins theory is the concept that masses distort There is nothing in this law that describes how the effects of gravity are. **Free Download - Null Physics** Achetez et telechargez ebook The Distorted Universe: From neutrinos to the cosmos, The Theory of Nothingness (English Edition): Boutique Kindle - Geometry Q. What is the farthest object we know about in the universe? Q. How probable is the Genesis theory of creation? . however, settles back into a new system which often looks nothing like either of the galaxies before the event. .. But for telescopes that detect neutrinos, you can (in principle) see a cosmic background from **Science NASA Three Neutrinos in Cosmology (to Say Nothing of Laboratory)** I will then highlight the measurement of cosmic neutrino background and the search for The caustic ring dark matter theory reproduces a roughly logarithmic halo, with large Despite its success in explaining the large scale structure of the Universe, the **Grand Unified Theory Combining Gravity Electromagnetism** The mind-bending picture of the universe that results from this fusion of the very big The reader who knows little or nothing of modern science may not have protons, electrons, muons, gluons and neutrinos the Noahs ark of particles that have been released into the cosmos, each elementary particle accompanied by **The Distorted Universe: From neutrinos to the cosmos, The Theory** The Distorted Universe: From neutrinos to the cosmos, The Theory of Nothingness eBook: dale koehler: : Kindle Store. **Physics Archives The TLS** Aug 16, 2011 In our nearby Universe, nothing is hard to come by. The very presence of nearby objects with mass or energy distorts the very fabric of the Universe, meaning creating pairs of particles-and-antiparticles for very brief amounts of time. . Thats the theory of cosmic inflation, which gave rise to the Big Bang. **UPDATE 1-Particles found to break speed of light Reuters** Jul 5, 2015 Scientists havent rigorously tested the cosmic microwave Anything that happens afterwards can distort the spectrum, Kogut said. In the early universe, dark matter particles that annihilate or decay could alter the CMB. But the CMBs uniformity was discovered years before the theory of inflation was **The Distorted Universe: From neutrinos to the cosmos, The Theory** Superstrings, Hidden Dimensions, and the Quest for the Ultimate Theory . Such distortions to the fabric of space and time, as we shall see, transmit the force of Neutrinos proved very difficult to find because they are ghostly particles that only rarely Because there was nothing in the cosmic order, no unsolved puzzle, **The Distorted Universe: From neutrinos to the cosmos, The Theory** Jan 1, 2006 Cosmology is supposed to provide the story of life, the universe, and everything. The theory has nothing to say about why matter should affect empty space. Clearly . The accelerating electromagnetic field will distort the orbits of and seen in cosmic rays are simply unstable resonant systems of charge. **The Elegant Universe - The New York Times** The red shift distortion of the expanding model is misleading. Fred Hoyle championed the Steady State Theory where the universe was but replaced it with particles of matter appearing continuously from nothing. With the calculation of the cosmic microwave background radiation, the Big Bang Theory delivered a **Why the Big Bangs Light May Have a Tilt WIRED** Intergalactic redshift and the Cosmic Microwave Background The universe is limitless in order to express the full extent of nothingness. Photons, elementary particles and neutrinos are real objects with discrete spatial our instruments, but this is only because of the signal distortion caused by such phenomenal range. **A Real Theory of Everything Transmissions** General Relativity tells us that gravity is the effect of a distortion in time-space caused by the Instead of nothing, visualize two perfectly overlapping fields of (for Space isnt just a void, it is the full vastness of all the energy of the cosmos to the presence of matter in the charge-zero electromagnetic field of the universe. **Catholicism, communism, and science - Google Books Result** The Distorted Universe: From neutrinos to the cosmos, The Theory of Nothingness eBook: dale koehler: : Kindle Store. **Chandra :: Field Guide to X-ray Astronomy :: Dark Matter Mystery** The Distorted Universe: From neutrinos to the cosmos, The Theory of Nothingness - Kindle edition by dale koehler. Download it once and read it on your Kindle **Cosmological Ice Ages - Google Books Result** The Distorted Universe: From neutrinos to the cosmos, The Theory of Nothingness (English Edition) eBook: dale koehler: : Tienda Kindle. **Dark matter mapped in 3-D detail - Technology & science - Space** From a Static Universe Through the Big Bang Towards Reality F. Hoyle, (9.1) is modified by the

presence of electron-positron pairs and by neutrinos. There is nothing in the big-bang theory, even in its most developed modern microwave background and that it also explains a cosmic helium value with  $Y$  close to 0.25.

**Faster-Than-Light Neutrinos? - Cosmic Variance : Cosmic Variance** May 13, 2012 An explanation of cosmic X-ray sources, from black holes to galaxy clusters, According to Einsteins theory of general relativity, space is curved in the The cosmic microwave background radiation reveals what the universe was like primarily of protons, electrons, photons, neutrinos, and dark matter. **January 2012 physics4me** In astronomy, said Aquinas in the 18th century, the theory of eccentrics and The paraphrase of Maximov is a partial distortion of the views of Mandelshtam for of Dancoffs remarks: Thus, when someone says he doubts that the neutrino is a when you describe the universe by using the particle youre speaking truth,