## UNIVERSAL CYCLE THEORY

NEOMECHANICS OF THE HIERARCHICALLY INFINITE UNIVERSE

# STEPHEN J. PUETZ AND GLENN BORCHARDT, PH.D.

The Observable Universe (red) orbiting the Local Mega-Vortex



### <u>Universal Cycle Theory Neomechanics Of The</u> <u>Hierarchically Infinite Universe</u>

**Barry Bruce** 

#### Universal Cycle Theory Neomechanics Of The Hierarchically Infinite Universe:

Universal Cycle Theory Stephen J. Puetz, Glenn Borchardt, 2011 These simple statements hold huge implications about how the universe must operate if it was truly infinite rather than finite as is commonly thought In one sense this book Universal Cycle Theory may seem radical because it postulates that the universe operates in ways that are dramatically different from what we are taught Yet this new theory is conventional in the sense that it closely conforms to virtually all existing laws equations and observations There are only two elements that make the Universal Cycle Theory radical cycles and infinity Other than that much of what you read in this book will seem familiar and conventional Cycles are crucial because they are reflections of how matter behaves in an infinite universe as vortices and waves A vortex forms when matter rotates producing circular cycles A wave forms when colliding matter compresses and decompresses producing linear cycles Infinity is crucial because it explains the extent and structure of the universe We assume that matter is infinitely divisible in the microscopic direction and infinitely integrable in the macroscopic direction. We assume that time was infinite in the past and will be infinite in the future This concept of infinity is unique having never been employed in a model of the universe before It resolves many of the paradoxes and contradictions currently riddling physics and cosmology **Philosophy Alliance Proceedings** David de Hilster, 2013-07-03 Natural Philosophy Alliance published in conjunction with the 20th Annual Natural Philosophy Alliance conference 19th Natural Philosophy Alliance Proceedings Greg Volk, 2012-07-14 The Natural Philosophy Alliance NPA sponsors regular international conferences for presenting high quality papers discussing aspects of philosophy in the sciences Many papers offer challenges to accepted orthodoxy in the sciences especially in physics Everything from the micro physics of quantum mechanics to the macro physics of cosmology is entertained Though the main interest of the NPA is in challenging orthodoxy in the sciences it will also feature papers defending such orthodoxy Our ultimate propose is to enable participants to articulate their own understanding of the truth All papers are reviewed by society officers and sometimes by other members before presentation in conferences and they are edit sometimes very significantly prior to publication in the Proceedings of the NPA **CNPS Proceedings 2017** David de Hilster, 2017-07-07 The John Chappell Natural Philosophy Society CNPS provides an open forum for the study debate and presentation of serious scientific ideas theories philosophies and experiments that are not commonly accepted in mainstream science The CNPS uses the term Natural Philosophy in its broader sense which includes physics cosmology mathematics and the philosophy of science Our goal is to return to the basics where things went wrong and start anew Infinite Universe Theory Glenn Borchardt, 2017-12-25 Infinite Universe Theory presents the ultimate alternative to the Big Bang Theory and the common assumption that the universe had an origin Author Glenn Borchardt starts with photos of the elderly galaxies at the observational edge of the universe These contradict the current belief that the universe should have increasingly younger objects as we view greater distances He restates the fundamental assumptions that must underlie the new paradigm Notably

by assuming infinity he is able to adapt classical mechanics to neomechanics and its insistence that phenomena are strictly the result of matter in motion He shows in detail how misinterpretations of relativity have aided current flights of fancy more in tune with religion than science Borchardt demonstrates why only Infinite Universe Theory can provide answers to questions untouched by currently regressive physics and cosmogony His new modification of gravitation theory gets us closer to its physical cause without calling upon attraction or curved spacetime or immaterial fields This is the book for you if you have doubts about the universe exploding out of nothing and expanding in all directions at once that the universe has more than three dimensions or that light is a massless wave particle that defies the Second Law of Thermodynamics Borchardt has put forth a solid case for an Infinite Universe that extends in all directions and exists everywhere and for all time What a great read Thanks so much for a book full of great ideas I love the Q it s very satisfying to have good answers to clearly stated questions Rick Dutkiewicz Truly brilliant Jesse Witwer A radical daring and innovative demolition of regressive physics from the creation of something out of nothing to the God Particle William Westmiller Glenn Borchardt s book uses the hammer of Infinity to explain and destroy the junk theories that plague Official physics today This is a book that should be used in college courses to give students a basic understanding of how physics is done Physics has gone off the rails for a century and it is books like Borchardt s that will return physics from its current unscientific and anti materialist base and back on to a scientific and materialist road Mike Gimbel What a fascinating read Juan Calsiano Progressive Science Institute

The Unified Cycle Theory Stephen J. Puetz, 2009 We are an integral part of this giant universe As energies are released in space they create measurable impacts on galaxies and solar systems as well as on our small planet Cycles upon cycles of energy impact our lives and although we may not be able to see them they do affect us They cause us to react in ways that for millennia influenced the course of our history economics and even our psychology When author Steve Puetz worked as a market analyst he became interested in cyclic analysis and began a search for a plausible explanation of cyclic behavior in the markets As the database grew and his research progressed he began to see that all cycles whether financial sociological gravitational geomagnetic or geophysical had a correlation and from this realization evolved the Unified Cycle Theory The Unified Cycle Theory not only organizes unifies explains and clarifies the many cycles already discovered by a variety of scientists researchers and analysts but is one that also predicts important turning points in mankinds social and economic future Most surprisingly of all it has uncovered a set of cycles that come from a mysterious source Our

Universe-Infinite and Eternal Barry Bruce, 2012-11 The field equations of Einstein s General Relativity are solved for an infinite universe with uniform density One of the three solutions the Infinite Universe of Einstein and Newton fits all the data for the Hubble diagram better than the Big Bang Next using general relativity and the physics that evolved from Newton the force of gravity between two massive point particles is found Utilizing this force and the Infinite Universe of Einstein and

Newton model the net force of gravity on a point particle in arbitrary motion due the uniform mass distribution of the

universe is calculated by integration This net force of gravity is found to be equal to the Force of Inertia These calculations explain Newton's First Law Newton's Second Law and the equivalence of inertial and gravitational mass. The middle of the book deals with the development of quantum mechanics. Here it is shown that hidden within the classical mechanics of particles there is the phase of a wave associated with a particle that moves at the speed of a de Broglie wave. The form of the phase of the wave is developed Making use of the form of the phase the Hamilton Jacobi equation for a particle is setup to be solved using an integrating factor. The resulting equation is manipulated directly into the form of the Schrodinger equation. This development requires that the particle Hamilton Jacobi equation has a solution whenever the Schrodinger equation has a solution and vice versa. The classical wave function is then shown to have exactly the same mathematical properties as the quantum mechanical wave function including the fact that the absolute value squared of the classical wave function has the mathematical properties of a probability density However the interpretation that this is a probability density for the particle is shown not to hold Lastly the missing matter problem is resolved by showing that the dynamics and the mass of a spiral galaxy are better and more naturally explained by using ordinary physics with ordinary interacting matter than they are by postulating and using exotic weakly interacting dark matter.

The Enigmatic Realm of Universal Cycle Theory Neomechanics Of The Hierarchically Infinite Universe: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing in short supply of extraordinary. Within the captivating pages of **Universal Cycle Theory Neomechanics Of The Hierarchically Infinite Universe** a literary masterpiece penned with a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book is core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of those that partake in its reading experience.

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