

Articles by Jocax with Abstract (Feb/2026)

'Destropic Principle'

"The Destropic Principle asserts that all possible universes are equiprobable and that the emergence of life does not confer any intrinsic privilege or special status upon a universe. This principle is proposed as a direct counterargument to anthropic reasoning when the latter is employed to infer the necessity of a deity or a multiverse to explain the configuration of our universe. By analyzing the probabilistic structure underlying universe generation and by introducing formal analogies, this paper argues that life is merely one contingent feature among infinitely many possible features that different universes may instantiate. Consequently, the existence of life provides no explanatory leverage for invoking supernatural design or cosmological selection Mechanisms"

<https://www.wecmelive.com/open-access/the-destropic-principle.pdf>

'Paradise in the Fourth Age: A Bioethical Proposal for Pharmacological Pleasure in Institutionalized Elderly'

"An increasing number of elderly individuals live into very advanced age with significant physical or cognitive impairments, often in institutional care, suffering from isolation and diminished quality of life. This paper proposes the Paradise in the Fourth Age (PFA), a regulated program to administer pleasure-inducing substances under medical supervision to consenting, severely impaired older adults who lack realistic prospects for functional recovery. The proposal explores ethical, social, and policy considerations, including resource allocation, risk of drug misuse, and the balance between autonomy and protection. We argue that the PFA could extend the philosophy of palliative care-not only reducing suffering, but actively promoting well-being in the final stage of life."

<https://www.stephypublishers.com/cicmr/pdf/CICMR.MS.ID.000524.pdf>

(*) 'Felicntax: The Construction of Godx (Deux)'

"Going to the ultimate logical consequences of the Scientific-Meta-Ethics, (Where the human species is just one of many that live in the universe and not necessarily the most important) in which what is important is the maximization of the happiness of the Universe, we will arrive at the concept of Deux (GodX)."

<https://www.wecmelive.com/open-access/felicntax-the-construction-of-godx-deux.pdf>

'The Prized Son Theory: A Neo-Darwinian Explanation for Sex and Aging'

"After highlighting where some of the most well-known theories about aging and death fall short, we propose a new theory that explains sexual reproduction and aging. In this theory, both sexual reproduction and senescence emerge as Darwinian adaptations. A mechanism that circumvents group selection is also suggested."

<https://www.wecmelive.com/open-access/the-prized-son-theory-a-neodarwinian-explanation-for-sex-and-aging.pdf>

'Jocaxian's Theorems'

<https://medcraveonline.com/PAIJ/PAIJ-09-00387.pdf>

'Genismo: A philosophy of happiness and reality'

"We will address a new philosophy of life that will try to make the DNA code (and its mental algorithms such as feelings and instincts) compatible (as much as possible) with our culture."

<https://medcraveonline.com/PAIJ/PAIJ-09-00384.pdf>

'The "Decreasing Universe" model: an alternative perspective to accelerated expansion'

"The understanding of the universe's evolution has been dominated by the Standard Cosmological Model, known as Λ -CDM. This widely accepted model postulates the existence of dark matter and, crucially, dark energy to explain the observed accelerated expansion of the universe. However, dark energy remains an entity of unknown and undetectable origin, presenting a significant theoretical challenge. This gap in the fundamental understanding of the universe drives the search for alternative models that can offer more parsimonious and coherent explanations with established physical principles. In this context, the "Decreasing Universe" model emerges as an innovative proposal that seeks to reinterpret cosmological observations."

<https://medcraveonline.com/PAIJ/PAIJ-09-00378.pdf>

(*) 'Jocaxian's Democracy: The Best Democracy'

"The Jocaxian Democracy is a model of democracy in which anyone can vote for anyone and the representativeness is given by the quantity of each candidate receive."

<https://www.wecmelive.com/open-access/jocaxians-democracy-the-best-democracy.pdf>

'The Universe, According to Jocax'

"We will address some of the main questions regarding our Universe, such as theories about its origins, types of Universes (Virtual Universe, Parallel Universes), and questions about its finiteness, purpose, eternity, and its end."

<https://oaskpublishers.com/assets/article-pdf/the-universe-according-to-jocax.pdf>

'Decreasing Universe: The CMB and the Age of the Universe'

"We will use the "Decreasing Universe" (D.U.) theory to estimate the age of the Universe based on the average wavelength of the Cosmic Microwave Background (CMB) radiation."

<https://www.iosrjournals.org/iosr-jap/papers/Vol17-issue3/Ser-1/G1703016264.pdf>

(*) 'Decreasing Universe: The 'Dark Matter' Effect'

"After a brief review of the Decreasing Universe (D.U.) model, we will derive a formula and the graph for the apparent velocity of stars (of a Messier_33 galaxy) as a function of their radial distance from the galactic center. This formula reproduces the same velocity curve traditionally attributed to dark matter."

<https://www.wecmelive.com/open-access/decreasing-universe-the-dark-matter-effect.pdf>

'Decreasing Universe: Redshifts and Distance Data Refute the L-CDM Mode'

"To evaluate and compare the "Decreasing Universe theory" with the LCDM model, I created a potentially falsifiable prediction and the data was extracted and analyzed."

<https://www.wecmelive.com/open-access/decreasing-universe-redshifts-and-distance-data-refute-the-lcdm-model.pdf>

'An evolutionary theory of love'

"Initially, we will explore the concept of love in a general sense. Then, using a neo-Darwinian approach, we will examine the three main types of love in more depth: Parental Love, Heterosexual Romantic Love, and Homosexual Romantic Love."

<https://medcraveonline.com/SIJ/SIJ-09-00414.pdf>

'Decreasing universe: the distance as a function of redshift'

"Using the "Decreasing Universe" model we will show evidence that this new model of the dynamics of the Universe is less disruptive and more adequate than the traditional L-CDM model that postulates the existence of Dark Energy. We will also develop, from this new theory, a simple and straightforward mathematical formula that provides the distance of the galaxy as a function of its redshift."

<https://medcraveonline.com/AAOAJ/AAOAJ-09-00220.pdf>

(*) 'The Jocaxian's nothingness'

"This article explains a theory about the origin of the laws of physics and the Universe."

<https://medcraveonline.com/AAOAJ/AAOAJ-08-00211.pdf>

'AGI and consciousness: are we safe?'

"This article provides an overview of the development of AIs, their risks and shows why a possible solution to their dangerousness is related to the study of Consciousness."

<https://medcraveonline.com/AHOAJ/AHOAJ-06-00239.pdf>

'Jocaxian's time definition'

"Time has always been a mystery of philosophy and physics since its beginnings. We propose a new definition of time that, in addition to being objective, promotes a better understanding of this very important concept."

<https://medcraveonline.com/AAOAJ/AAOAJ-07-00165.pdf>

(*) 'The "Scientific-Meta-Ethics": a science of ethics'

"The "Scientific-Meta-Ethics, or simply SME, to shorten it, is a scientific-philosophic theory that aims to standardize, or rather, to bring ethics and morals into the domain of science, and as a consequence and as a consequence to bring law and justice as well."

<https://medcraveonline.com/OAJS/OAJS-05-00167.pdf>

'Jocaxian's Paradox'

"There are several theories and hypotheses that state that our universe may be simulated on some alien computers. It would be a Virtual Universe without physical existence. It is also discussed whether Robots (or Computers) might ever have a conscience. In both cases, there would be feelings and emotions being produced on these machines, as the feelings of beings in a virtual universe would be produced on these computers. The paradox comes when we know that every computer can be replaced by a Universal Turing Machine. Since this machine essentially writes and reads symbols on a tape, so the simple "back and forth" of the tape being read and written by Turing's machine should produce the same feelings as the electronic computer produce in its simulation! Or does it just prove that these feelings could not be generated on a computer?"

<https://www.scirp.org/journal/paperinformation?paperid=95452>

'Jocaxian Protection for Database Passwords'

"We will show a new database password protection method that can be used in programming languages, specially in those that are interpreted, where the executable code is humanly readable as well, being able to leave the database password exposed, with the risks of information theft and data changes."

https://journalspress.com/LJRCST_Volume19/503_Jocaxian-Protection-for-Database-Passwords.pdf

(*) 'Derivation of Hubble's Law and its relation to dark energy and dark matter'

"From the "Decreasing Universe" model^{1,2} establishing the contraction of space tissue When exposed to a gravitational field, we derive the Hubble Law and, from there, we will explain the effects "Dark Energy" and "Dark Matter"

<https://medcraveonline.com/OAJMTP/OAJMTP-02-00049.pdf>

'Jocax's razor'

"We will make a critical analysis of Ocam's razor¹ and, then, we will propose an alternative razor."

<https://medcraveonline.com/OAJMTP/OAJMTP-01-00033.pdf>

'Jocaxian's Train'

"This article presents two simple and analog situations related to classic mental experience known as "Einstein's Train", which explains the temporal dilatation regarding special relativity theory, and then it points a logical contradiction between them."

<https://www.omicsonline.org/open-access-pdfs/jocaxians-train-2476-2296-1000154.pdf>

'The Equivalence Principle and the End of the Dark Energy'

"We will make a new approach for an effect known as "Dark Energy" by an effect on gravitational field. In an accelerated rocket, the dimensions of space towards movement due to „Lorentz Contraction" are on continuous reduction. Using the equivalence principle, we presume that in the gravitational field, the same thing would happen. In this implicates in „dark energy effect". The calculi show that in a 7%-contraction for each billion years would explain our observation of galaxies in accelerated separation"

https://www.ijera.com/papers/Vol7_issue1/Part-1/C0701011314.pdf

'The Gravitational Field and the Dark Energy'

"I herein write on a new idea about cosmology that seeks to solve the dark energy and dark matter problem by eliminating the need to postulate its existence"

<https://ijrdo.org/index.php/as/article/view/1311/1238>

'BCR: A Simple and Efficient Method of Unidimensional Search by Elimination'

"The algorithm proposed in this paper belongs to the methodological category of unidimensional search by elimination, and may be used, therefore, in the optimization of discontinuous functions. This new method is based on the dichotomous search algorithm and is, in many cases, superior to Fibonacci's algorithm (up to the present considered the most efficient method of elimination), with the advantage of being much simpler."

https://www.researchgate.net/profile/Joao-Barcellos-2/publication/283478899_BCR_A_Simple_and_Efficient_Method_of_Unidimensional_Search_by_Elimination/links/58f79b170f7e9bfcf93belfd/BCR-A-Simple-and-Efficient-Method-of-Unidimensional-Search-by-Elimination.pdf

----- Not Yet Published -----

'The Dark Energy as effect on Gravitational field'

"We will make a new approach for an effect known as "Dark Energy" by an effect on gravitational field. In an accelerated rocket, the dimensions of space towards movement due to 'Lorentz Contraction' are on continuous reduction. Using the equivalence principle, we presume that in the gravitational field, the same thing would happen. In this implicates in 'dark energy effect'. The calculi show that in a 7%-contraction for each billion years would explain our observation of galaxies in accelerated separation."

<https://philarchive.org/rec/HOLTDE>

'Analysis of Mass-Redshift Correlation in VelocityMatched Subgroups: A Rigorous Test for the Decreasing Universe Theory'

"The Decreasing Universe (D.U.) theory proposes that the gravitational field induces a continuous spatial contraction, predicting that more massive galaxies should exhibit a smaller redshift at the same distance [1]. The main obstacle to testing this prediction is the noise introduced by the galaxies' peculiar velocities. This study applies a rigorous methodology to isolate the effect of mass by analyzing the correlation between stellar mass and redshift in galaxy subgroups with controlled distance, age, and radial velocity. The results show that, by minimizing dynamical noise, the negative correlation predicted by the D.U. theory emerges in specific subsamples, suggesting that the intrinsic gravitational effect may be detectable"

https://jocaxx.github.io/DUniverse/Novos/DU_MASS.pdf

'The Age of Galaxies as a Determining Factor for Redshift: An Analysis from the Perspective of the Decreasing Universe Theory'

"The Decreasing Universe (D.U.) theory proposes that the gravitational field induces a continuous contraction of space, offering an alternative explanation for cosmological redshift. A crucial and logical deduction from this theory is that a galaxy's time of exposure to the gravitational field, i.e., its age, should directly influence the observed redshift. Older galaxies, having accumulated more time under spatial contraction, should exhibit a smaller redshift. This article examines this prediction, using the observed redshift difference between old (elliptical) and young (spiral) galaxies in clusters as a primary observational test for the D.U. theory."

https://jocaxx.github.io/DUniverse/Novos/DU_AGE.pdf

'Psychogenic Therapy: An Evolutionary Approach to Meme-Gene Conflicts'

"This article presents Psychogenic Therapy, or the psychogenist approach, as a theoretical proposal for psychological intervention aimed at reducing conflicts between genetically based instinctive predispositions and culturally acquired belief systems. Such conflicts, termed meme-gene conflicts, arise when internalized norms and values oppose behavioral tendencies evolutionarily shaped to maximize genetic preservation, both of the individual and of relatives who share part of their genetic material, in accordance with the concept of inclusive fitness. The proposed therapeutic approach consists of identifying and reevaluating internalized memetic systems that produce persistent psychological distress, seeking greater consonance between biological predispositions and contemporary sociocultural demands. The model suggests integration between evolutionary psychology and psychotherapeutic practice, offering a theoretical framework for understanding modern psychological conflicts"

https://jocaxx.github.io/DUniverse/Novos/TPsicoGen_Eng.pdf

'Amazon River Water Transfer as a Solution to Drought and Food Insecurity in Northeastern Brazil'

"This paper evaluates the technical, energetic, economic, and environmental feasibility of diverting a fraction of the Amazon River discharge at its mouth for large-scale irrigation of Brazil's semi-arid Northeast. By quantifying water demand, agricultural productivity, pumping energy requirements, infrastructure costs, and potential economic returns, the study argues that a controlled transfer-powered primarily by nuclear energy—could transform the semi-arid region into a major agricultural hub while maintaining negligible impact on the Amazon basin. Updated literature and data are incorporated to contextualize desalination benchmarks, irrigation efficiency, energy costs, and environmental implications."

https://jocaxx.github.io/DUniverse/Novos/Amazon2_eng.pdf

(*)Very Important