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MANIFESTO

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The emergence of understanding the effects of a universe of energies on habitat has berthed a new horizon¹, resulting in a new revolutionary theory of architectural thought². The epic events of the last century have set the stage for a new polemic, where Universal Architectural thinking emerges. The advent of space travel³ opened the door to vast horizons of thought⁴ and previously unimagined scientific theories⁵. The infusion of cultural memes⁶ in consideration of universal exploration has, oddly, also redefined the architect's design process. New understandings of environmental science⁷ have advanced the art of energy's interactions⁸ with habitat. With humanity's expansion into this new age⁹ of design unearthly realms can now be contemplated and incorporated.

¹ "Why are we here? We're here to go!" William S. Burroughs, Keynote address Nova Convention, NYC 1978

² Architecture's Public, Giancarlo De Carlo (1970) "The growth and flexibility of an architectural organism are not really possible except through a new conception of architectural quality."

³ Operating Manual For Spaceship Earth R. Buckminster Fuller 1969

⁴ "Be a Columbus to whole new continents and worlds within you, opening new channels, not of trade, but of thought..." Henry David Thoreau, Walden (1854)

⁵ Pigs in Cyberspace, Hans Moravec (1992)

<https://ntrs.nasa.gov/api/citations/19940022873/downloads/19940022873.pdf>

⁶ The Selfish Gene: Richard Dawkins 1976

⁷ <https://www.arcosanti.org/> Paulo Soleri (1970-1989)

⁸ Atoms, Mechanics, and Probability: Ludwig Boltzmann's Statistico-Mechanical Writings - An Exegesis, Olivier Darrigol 2018

⁹ The Secret Teachings of All Ages, by Manly Palmer Hall; Published by The Philosophical research Society, Inc. 1977

A new perspective of our understandings herein shall inspire Architects forward.

In the 1940s Wilhelm Reich¹⁰ invented the orgone energy accumulator¹¹ and from his work with this “mystical box” he postulated that life energy moving through materials could enhance biology¹². Aligned to this zeitgeist of metaphysical exploration man escaped the planetary constraints and landed on the moon, initiating our collective cultural impulse to further engage dynamically with the universe¹³. Bio-morphism¹⁴ ripened from the surreal to the concrete as green ecological paradigms¹⁵ shot tendrils through the Architectural language. A fundamental functional change of the structural consciousness¹⁶ began to focus on life functionalism as the primary impulse and informant throughout the Universe¹⁷. Energetically shaped psychogeography¹⁸ reconceived sense of place. The game changed and soliloquy became conversation with the other.

Just as Giordano Bruno¹⁹'s Neo-Copernican cosmology facilitated the theoretical and philosophical exploration of infinite physical potentiality; the modern occurrence of space flight has prompted the awareness of a visceral and vital universe. One where spatial-temporal homogeneity is no longer primary and boundaries blur. Such a revelation inaugurates an age of “Universalism”.

As humanity set out to analyze the inherent complexities of this dramatic universe²⁰, the visceral juxtaposition of an infinitely small micromolecular and infinitely large macroverse demanded the creation a new language. In answer to this revelatory frisson computational conceptualization²¹ expanded to reveal mathematics²² and geometry²³ as universal basic components, the admixture of which produced universal solutions. The resultant paradigm blossomed, encompassing a fundamental understanding of the interdependent nature of all things. The modular was banished in favor of the manifold. Everything, everywhere in our multiverse of time²⁴.

Predisposed to anthropomorphic conceits, we re-conceptualize ourselves reflected in the dark mirror²⁵ of artificial intelligence. This newly established dichotomy incorporates and surpasses²⁶ an understanding of the simplistic binary, or zero one paradigm, and the

¹⁰ https://en.wikipedia.org/wiki/Wilhelm_Reich March 1897 – 3 November 1957

¹¹ The Orgone Accumulator Handbook Dr. James Demeo Third Revised and Expanded Edition, (2010)

¹² Die Bione: zur Entstehung des vegetativen Lebens (*The Bion Experiments on the Origin of Life*): Wilhelm Reich (1938)

¹³ [Dymaxion house](#) ; Buckminster Fuller (1930) Redesigned (1945)

¹⁴ Gaudi: Introduction to his architecture, Juan Eduardo – Ciriot Laporta, Richard Pla Boada (2024)

¹⁵ Green Architecture Paradigm: Gintaras Stauskis (May 2013)

https://www.researchgate.net/publication/269973360_Green_Architecture_Paradigm_from_Urban_Utopia_to_Modern_Methods_of_Quality_Assessment

¹⁶ supersensible :Beyond or above perception by the senses.

¹⁷ Sexual Energy and Yoga Elisabeth Haich, (1991)

¹⁸ Workshop for Non-Linear Architecture (WNLA) (1990s)

¹⁹ Giordano Bruno and the Hermetic Tradition: Frances Yates (1964)

²⁰ The Dramatic Universe, Volume One: J.G. Bennett (1956)

²¹ Evolutionary Art and Computers: William Latham, Stephen Todd, (1992)

²² Number and Time: Reflections Leading Toward a Unification of Depth Psychology and Physics: Marie-Louise Von Franz, (1986)

²³ "Zum Clifford-Kleinschen Raumproblem", [Mathematische Annalen](#) Heinz Hopf (1926)

https://en.wikipedia.org/wiki/Hyperbolic_space

²⁴ Everything Everywhere All at Once is a film written and directed by Daniel Kwan and Daniel Scheinert (2022)

²⁵ See Tezcatlipoca and John Dee <https://www.livescience.com/john-dee-spirit-mirror-aztec>

²⁶ <https://en.wikipedia.org/wiki/Memristor> Theorized 1971 First Manufactured (2013)

reductionist thought process therein.²⁷ A unprecedented juxtaposition of natural and digital²⁸ precipitates complex interactions of mind and matter²⁹. Universalist architecture must respond in kind.

A fundamental scientific paradigm shift launched from the detritus of our industrial century³⁰ confirms the facticity that life molecules and life cycles are essential to our understanding of the computational design heuristics that emerges³¹. Frequency, resonance, and scale³² appear critical. With the regolith of cultural analogue³³ and removed bedrock discombobulated parametric we conceive an intuitive vocabulary for all things. Making a leap³⁴ towards accepting a new metric; a Universal consciousness with the potential to characterize life force as the corporeal energy pervading everything.³⁵

Universalism Architecture

Universalism Architecture gestated as humanity breached outer space. With space travel came the possibility of life off planet³⁶. Life understood as the astrophysicist's primary force of the expansion in the Universe.³⁷ The Modern age was birthed through industrialization and the age of reason³⁸ and became life in a prosthetic mechanical extension³⁹. Now, with the contemporary phenomena of AI and augmented thought, Universalism, like some rough lumbering beast⁴⁰, shakes itself and rises. The Universal Theory of Architecture is born.

Orienting to the Universal construction langue⁴¹ moving forward, we search for the archetypal shift that will qualify emerging theory. Increasing complexity⁴², emergence of cosmogenesis⁴³, coupled with computational awareness, morphogenesis⁴⁴ and deconflicting iconologies become part of a new model of the universe⁴⁵. Quantum theory ($E=MCsq$) tells us that energy and matter are interchangeable⁴⁶. It is within the friction of this duo's phantom dance⁴⁷ that the molecule of life emerges to be recognized as primary within the universalism paradigm shift.

²⁷ Neuromancer: William Gibson (1984)

²⁸ <https://www.mrkism.com/diatomea/>

²⁹ Stelarc: MIT Press (2005) <https://en.wikipedia.org/wiki/Stelarc>

³⁰ <https://www.researchpubs.com/shop/p/research-67-industrial-culture-handbook> V. Vale (1983)

³¹ <https://plato.stanford.edu/entries/properties-emergent/> O'Connor, Timothy and Hong Yu Wong (2020)

³² Nikola Tesla: 'If you want to find the secrets of the universe, think in terms of energy, frequency and vibration.'

³³ <https://www.jencksfoundation.org/explore/text/the-drawing-that-ate-architecture> Mark Wigley (2023)

³⁴ "...the human race has known about the existence of a universal energy related to life for many ages. However the basic task of natural science consisted in making this energy usable."- Where's the Truth? -Wilhelm Reich (2/27/ 56)

³⁵ See: Orgone. Bullwer Lytton: Vril, or The Coming Race. Aether theory. Baron Carl von Reichenbach's Odic Force. Prana (Sanskrit word for breath, "life force", or "vital principle".)

³⁶ See Biosphere2 constructed (1987-1991)

³⁷ Davis, Tamara M.; Lineweaver, Charles H. (2004). "Expanding Confusion: common misconceptions of cosmological horizons and the superluminal expansion of the Universe". *Publications of the Astronomical Society of Australia*.

³⁸ The Difference Engine: Charles Babbage and the Quest to Build the First Computer, Dorin Swadw (2011)

³⁹ Survival Research Laboratories SRL.org (1978)

⁴⁰ W.B. Yeats "The Second Coming" (1919)

⁴¹ Langue: Language as a system rather than language in use, including the formal rules, structures, and limitations of language

⁴² Prigogine, Ilya; Stengers, Isabelle (1984). *Order out of Chaos: Man's new dialogue with nature*. Flamingo.

⁴³ Cosmogenesis: by Thomas Swemme: (2023)

⁴⁴ Morphogenesis and the Mathematics of Emergence: Michael Weinstock (2004)

⁴⁵ A New Model of the Universe, P.D. Ouspensky (1917)

⁴⁶ Syntropy: the Energy of Life, Ulisse de Corpo, (2005)

⁴⁷ The Dancing Wu Li Masters (1979) Gary Zukav

Without concepts based on experience and collective remembrance of cultural iconologies⁴⁸ the vital structural theory of architecture would not arise. While incorporating all preceding theories, concepts, and iconography awareness manifests that the fundamental platform of Architecture in the Universe is the force of Life. Life is the fundamental universal ingredient, and life energy⁴⁹ is the lens we use for conceptualization of constructed cultural icons. Within the matrix of creation⁵⁰ Universalism shifts focus to Life force criterion. Organism supersedes mechanism.

Architecture has previously been viewed through a narrow window of Life systems⁵¹. Many iconic elements of modern Architecture, with all the accompanying structural heroicness, have employed a nascent life functional vocabulary. "Visionary" architecture has at times approached the Universalist ideal⁵², intersecting only tangentially the full spectrum of the Universalist aesthetic. Life processes and cycles⁵³ are used only as functional biomimetic design parameters. Roadway arteries⁵⁴, life cycle of buildings⁵⁵, living building challenge⁵⁶ and energy conservation. Biomimicry⁵⁷ is throughout architectonic discourse, a nascent organic vocabulary that already skirts Life function descriptions⁵⁸. Universalism theory builds from these concepts of life functioning, and on the negtropic⁵⁹ cosmic pulse of Life⁶⁰. The concept that Life is the undeniable underlying force of the universe becomes self-evident and primary. Architectural inclination then recognizes that all energy⁶¹ is a form of Life with various levels of complexity and consciousness. It is a matter of cognizance of scale.

A universal theory based on the miscellaneous influences of past, present, future⁶² and conceptually all inclusive, encompassing prehistory⁶³ into the future, physically and ephemerally, micro and macro, is formulated. Incorporating all, betwixt and between the smallest elementals of matter and the infinitely large Universe⁶⁴. The way forward is unlimited incorporation within an Architectural universe enriching a rhizomic⁶⁵ paradigm of ever evolving novelty⁶⁶, all so that "the structure of the universe flourishes."⁶⁷ As Architects embrace the fundamental concepts of life, a new vernacular for design emerges, integrating history, practice,

⁴⁸ 13 Propositions of Post-Modern Architecture, Charles Jencks (1996) "Memory and history are inevitable in DNA , language, style and the city and are positive catalysts for invention."

⁴⁹ "You Become What You Think" Shubham Kumar Singh (2023)

⁵⁰ Matrix of Creation, Richard Heath (2004)

⁵¹ <https://www.jencksfoundation.org/explore/text/the-architect-in-the-jumping-universe>

⁵² Visionary Architecture: Unbuilt Works of the Imagination – Ernest Burden (1999)

⁵³ Metabolism in Architecture Kisho Kurokawa (1977) "The reason why we use the biological word metabolism is that we believe design and technology should denote human vitality."

⁵⁴ <https://medium.com/re-form/in-the-footsteps-of-robert-moses-2780ee00a648>

⁵⁵ Life cycle assessment of buildings :a practice guide. (2019) University of Washington , Department of Architecture.

⁵⁶ https://en.wikipedia.org/wiki/Living_Building_Challenge Created (2006) Jason F. McLennan

⁵⁷ <https://parametric-architecture.com/nature-inspired-design-biomimicry-in-architecture/>

⁵⁸ Robert Venturi Complexity and Contradiction in Architecture (1966) "I am for messy vitality over obvious unity."

⁵⁹ Negtropic: resistant to entropy.

⁶⁰ The Cosmic pulse of Life: Trevor James Constable (1976)

⁶¹ Design with Nature, Ian McHarg (1969) " This suggests an ecological value system in which the currency is energy. There is an inventory of matter, life forms apperceptive powers, roles, fitness, adaptations, symbioses and genetic potential. Consumption optimally involves the employment of energy in the raising of matter."

⁶² "There is no past, no future; everything flows in an eternal present". James Joyce

⁶³ Gobeckli Tepi <https://grahamhancock.com/hancockg23/>

⁶⁴ Order in Space A Design Source Book, Keith Critchlow Thames & Hudson, (1969)

⁶⁵ The rhizome is a-linear, multiple, spread out, all proliferating and without boundaries centres/margins or limits. See A Thousand Plateaus (1980) Deleuze/ Guattari

⁶⁶ "Universe is a creative advance into novelty" A.N. WHITEHEAD, Process and Reality (1967)

⁶⁷ "On the Infinite Universe and Worlds" Giordano Bruno (1584)

and future dreams⁶⁸. Architecture becomes more akin to clothing⁶⁹. Vital living systems are the recombinant building blocks of this new Architectural vocabulary.

Universalism architecture embraces the added responsibility to enhance and accentuate positive biological effects on occupants. Habitat is no longer only a filter⁷⁰ of but an accumulator and amplifier of life force energies. "It is now firmly established that ontogeny does not repeat phylogeny"⁷¹

Computational Reality

The computational simulation of our thought process⁷² in this connective age is another harbinger of a universalist future. The concept of the egregore⁷³ has been well studied regarding social media. Hive minds, swarm minds, data farms, biometric harvesting, smart cities are at our fingertips, but to what end⁷⁴? Has collective consciousness become a tangible reality?

Once, our concept of infinity⁷⁵ was only a theoretical idea. Now zettaflops⁷⁶ communally calculate answers to eternal questions instantly and the resolutions to infinite calculations are realized in the blink of an eye⁷⁷. Time, space and place are re-conceptualized⁷⁸ over and again as silicon spins energy into the eternal delight⁷⁹ of amplified awareness⁸⁰. All while artificial Intelligence weaves its matrix into the design culture⁸¹. Architecture becomes a living breathing concept, integrated within a computational understanding⁸².

The historical ecosystem of Architecture was based on styles, rooted in myths, beholden to icons, and constricted by obsolete function and forms⁸³. The spectre of classicalism vs. modernism haunts⁸⁴ our structures. Now and henceforth, computational tools will invoke novel and revolutionary designs. Comprehensive databases of imagery and iconography⁸⁵, both

⁶⁸ <https://www.visionary-architecture.com/> - MOMA (Sept29-Dec4, 1960)

⁶⁹ <https://www.dezeen.com/2014/07/31/movie-interview-toyo-ito-architecture-clothing-wrap-around-human-beings/>

⁷⁰ Kenneth Yeang in his (1987) architectural manifesto, Tropical Urban Regionalism states "The open system analogy is one in which the function of the building enclosure is regarded as a perforated barrier or as an environmental filter".

⁷¹ The meaning of evolution - George Gaylord Simpson (1949)

⁷² https://en.wikipedia.org/wiki/Neuromorphic_engineering

⁷³ An egregore is a concept in Western esotericism of a non-physical entity or thoughtform that arises from the collective thoughts and emotions of a distinct group of individuals.

⁷⁴ C. G. Jung - Essay on Wotan [w. Nietzsche] Essay on Wotan By Dr Carl Gustav Jung [First published as WOTAN, Neue Schweizer Rundschau (Zurich). n.s., III (March, 1936)

⁷⁵ "To see a world in a grain of sand And a heaven in a wild flower, Hold infinity in the palm of your hand, And eternity in an hour." 'Auguries of Innocence'- William Blake(1803)

⁷⁶ https://en.wikipedia.org/wiki/Zettascale_computing

⁷⁷ https://en.wikipedia.org/wiki/Sycamore_processor

⁷⁸ Reality+: Virtual Worlds and the problems of Philosophy – David J. Chalmers (2022)

⁷⁹ "Energy is the only life and is from the Body and Reason is the bound or outward circumference of Energy. Energy is Eternal Delight, and he who desires, but acts not, breeds pestilence." William Blake The Marriage of Heaven and Hell. (1790)

⁸⁰ <https://medium.com/@ShahroozShekarubi/augmented-reality-philosophy-sensory-expansion-and-self-realization-4b35bfcac040>

⁸¹ Sprawl trilogy- William Gibson (1984-1988) https://en.wikipedia.org/wiki/Sprawl_trilogy

⁸² The Transhumanist Reader Classical and Contemporary Essays on the Science, Technology, and Philosophy of the Human Future. Max More, Natasha Vita-More (2013) This dissertation focuses on the Umwelt that is formed in an interaction between hybrid environment and the technologically enhanced human, the Hybronaut.

⁸³ Therefore it is not at all unnatural that in a building which belongs to the present and future we should set out in full consciousness to create forms which will help man to conquer the consciousness of merely physical and material actuality and feel himself expanded out into the cosmos through the architecture, sculpture and all that this work of art may contain. -Rudolf Steiner Ways to a New Style in Architecture (1914)

⁸⁴ Marx/ Engels The Communist Manifesto (1848) "A spectre is haunting Europe". Also: Spectres of Marx (1993) Jacques Derrida

⁸⁵ See Akashic records: en.wikipedia.org/wiki/Akashic_records

actual and AI generated, present the referential underpinnings to fuel inspiration. Universalist design embraces the first idea, birthed from primed cognition, as inspiration. Previously unattainable potentialities rush forth into actualization⁸⁶.

The Expansion of the glossary of design tools irrevocably redefines the parameters of our conceptualization⁸⁷. Redundant architectural discourse on haggard concepts has evolved into a living biometric vocabulary that primarily consists of functionalism in the biosphere. A topological inversion of aesthetics is at hand.⁸⁸

Universalist Manifesto

The result is this Universalist Architectural Manifesto⁸⁹, launched forth with optimism and anticipation that future science and discoveries will manifest profound utopic shifts in how we interact with the built environment. Assisted by the digital revolution we understand the enormous cascade of information the new lexicon gives us. The complexity of life's psychogeography increases exponentially within this dynamic multiplicity of forms⁹⁰. The living universal language follows the same path, as profound changes increase every year and leap through time with every decade⁹¹. Theory must assimilate the new cosmogenesis of our place in the universe.

Universal design⁹², Tagore's Universalism⁹³, Universalism in Modern architecture⁹⁴ are all incorporated into Universalist Architecture. Our new paradigm is accessible and inclusive by its nature. All traditions interacting and incorporated. Universal ideas have struggled with the anthropomorphism, natural sciences, and the environment. Modernism struggled through styles, forms, faith, and Cosmic impacts. Universal became the term to describe the resulting confluence. This universalist manifesto emerges to express and encompasses the holistic understanding of our computational concept of everything. Architecture as a living concept emerges within a Universal theory.

"The teleology of the Universe is directed to the production of Beauty... The type of Truth required for the final stretch of Beauty is a discovery and not a recapitulation... Apart from Beauty, Truth is neither good, nor bad... Truth matters because of beauty."⁹⁵

The Universalism approach to life should not be in just the quantification of its mysteries, but also to deepen the experience of life's qualities and the substance in which life is enmeshed. Humanity has not yet plumbed the depths of any material's inherent qualities. Ruder forms

⁸⁶ "Life isn't about finding yourself. Life is about creating yourself." George Bernard Shaw

⁸⁷ <https://www.zhvrgroup.com/cybernetic-architecture>

⁸⁸ "There is no greater satisfaction in life than creativity achieved."-Wilhelm Reich

⁸⁹ Copyright Robert Strong FARA (2024)

⁹⁰ "It is our duty to select the best and most dependable theory that human intelligence can supply, and use it as a raft to ride the seas of life."— Plato, Phaedo

⁹¹ A New Science of Life/ Morphic Resonance - Rupert Sheldrake (1981)

⁹² <https://www.design233.com/articles/between-particularism-and-universalism-cultural-expressions-in-architectural-design>

⁹³ Rabindranath Tagore's philosophy was based on the Upanishads and sought to unify all creation. His architecture at Santiniketon unifies a variety of traditions within a Modernist framework and allows for maximum interaction between indoor and outdoor spaces.

⁹⁴ <https://blog.japhethlim.com/index.php/2012/02/24/sustainable-architecture-universalism-vs-regionalism-part1/>
Japheth Lim (2012)

⁹⁵ Alfred North Whitehead "Adventures in Ideas" (1967)

survive⁹⁶. What aspects of some forms and materials make them more life friendly than others? What element(s) of substance might evoke a beneficial Parasympathetic Nervous System⁹⁷ response? These qualities remain spectral, but more and more they solidify out of the miasma of correlated data and shared experience. Research has detected slight environmental temperature differentials between forms, volumes and materials⁹⁸. Experiments using dowsing techniques, confirm that some substances are more dynamic than others. Our sensing of subtle energies grows. Humanity's sensorium, prompted from new environments both virtual and real, expands⁹⁹. Little is currently known of resonant energies in built environment, but more concepts in design will develop these ephemeral qualities. Humanity deserves dwellings that reinforce life energy.

Dreams have long played a fundamental role in the conceptualization phase of the design process. Humanity must first dream of the future before the terminology blueprint emerges. Sleep allows our subconscious access to visualizations consisting of fanciful confluences of ideas¹⁰⁰. Dreams can be the ultimate manifestation of a euphoric aesthetic design orgasm as the creative act is displaced from the confines of physicality. Artists experience the eureka moment at idea conception¹⁰¹ and again upon reflection of a completed work. Creative endorphins are a major wellspring of life¹⁰².

Existence, and orientation in space, with bodies rotating in all its planes, prompted the first awareness of topology. Constructing habitat in the environment came next, with the first fundamental concepts of Architecture. Resultant from the basics of "empty" and "full" came number, then measurement, encompassing the essentials of food and tribe and place. From these, the first language of human consciousness emerged. Utterance¹⁰³ tangled with culture as language becomes vocabulary. Alphabets appear and geometry is deployed, which extends to architectural phenomena¹⁰⁴. Architecture was the first language¹⁰⁵ and becomes our future universal language.

The genome of Architectural vocabulary has developed into a cyber interactive continuum of nonlinear information processing. Our conceptualization of space and place, augmented by amplified computer calculation, gives new parametric prototypes as cyborgs interface and augment with computational models. The primum movens¹⁰⁶, as an infinite living consciousness¹⁰⁷, becomes comprehensible.

⁹⁶ Suttree - Cormac McCarthy (1979)

⁹⁷ <https://www.sciencedirect.com/topics/neuroscience/parasympathetic-nervous-system>

⁹⁸ 'I am unquestionably deformed by everything that surrounds me.' Walter Benjamin (1936)

⁹⁹ Thought Forms - Annie Besant (1905)

¹⁰⁰ Dream Telepathy Ullman, M., Krippner, S., & Vaughan, A. (1973)

¹⁰¹ "Man's true home is the world of ideas." Wilhelm Reich

¹⁰² All artists experience the eureka moment at idea conception and again upon reflection. The creative eureka experience is a major wellspring of life. www.strongarchitect.com (2016)

¹⁰³ Μῦθος (muthos) representation of an action – the arrangement of the incidents (Ancient Greek)

¹⁰⁴ <https://www.dezeen.com/2014/01/09/archibet-federico-babina-illustrated-alphabet-of-architects/>

¹⁰⁵ "Architectural language is an authentic linguistic system obeying the same rules that govern the articulation of natural languages": Umberto Eco- Function and Sign: Semiotics of Architecture (1973)

¹⁰⁶ https://en.wikipedia.org/wiki/Unmoved_mover

¹⁰⁷ Star Maker – Olaf Stapledon (1937) https://en.wikipedia.org/wiki/Star_Maker



Geometry Fundamentals

Mapping the genome of geometry comprehensively illustrates the transformation from simple into complex forms¹⁰⁸. Geometric recursions¹⁰⁹ of living processes bring a new vocabulary of morphology to grow Architectural expression. Within this new paradigm, the cube in four dimensions becomes tangible¹¹⁰. Modeling no longer need be accomplished through analog metrics, rather, forms can now be simulated and scaled computationally. Intuitive choices are conceived fluidly within a new virtual world. The Universalist design process no longer slogs through physicality but surfs a multi-dimensional morphology of forms¹¹¹ realized through digital assistance and augmentation¹¹². Nature is a tinkerer and not an inventor¹¹³.

The rigid fundamentals of mathematics and geometry have shaped the iconography of past architectural theory. Form¹¹⁴ and number underlie the basis of our conscious perception of three-dimensional space¹¹⁵. Number and geometry are the fundamental language of the Universe¹¹⁶. The periodic table of elements creates order in space through the arrangement of atoms. The basic polarity of atoms results in fundamental geometry¹¹⁷. The natural laws of physics forced architectural potentialities into a box. Geometric transformations using pi (an

¹⁰⁸ Jeffery Kipnis' (1993) manifesto "towards a new architecture: Folding" from tamoca states "the building of a catalogue of available forms, aesthetic forms, institutional forms and forms of social arrangement has only just begun."

¹⁰⁹ Martin Gardner (2001) Non-Euclidean Geometry, Chapter 4 of The Colossal Book of Mathematics

¹¹⁰ A New Era of Thought, Charles Hinton (orig. 1888), reprinted 1900, by Swan Sonnenschein & Co. Ltd., London

¹¹¹ Pratt Architecture, BArch Morphology Concentration

[https://www.pratt.edu/architecture/undergraduate-architecture/architecture-barch-morphology-concentration/#:~:text=As%20part%20of%20the%20Center,time%20\(dynamic%20morphology\)%20enabled%20by](https://www.pratt.edu/architecture/undergraduate-architecture/architecture-barch-morphology-concentration/#:~:text=As%20part%20of%20the%20Center,time%20(dynamic%20morphology)%20enabled%20by)

¹¹² Oxman Rivka and Oxman Robert (2014) Theories of the Digital in Architecture

¹¹³ https://en.wikipedia.org/wiki/Francois_Jacob

¹¹⁴ "Therefore it is not at all unnatural that in a building which belongs to the present and future we should set out in full consciousness to create forms which will help man to conquer the consciousness of merely physical and material actuality and feel himself expanded out into the cosmos through the architecture, sculpture and all that this work of art may contain." -Rudolf Steiner Ways to a New Style in Architecture(1914)

¹¹⁵ <https://en.wikipedia.org/wiki/Umwelt>

¹¹⁶ <https://www.universetoday.com/120681/mathematics-the-beautiful-language-of-the-universe/> (2015)

¹¹⁷ Number and Time: Reflections Leading toward the Unification of Depth Psychology and Physics, by Marie-Louise von Franz (1974)

infinite number) can simulate life processes¹¹⁸. Studying growing plant life produces mathematical functionally based patterns of morphing form¹¹⁹. New actuators give rise to an Universal geometric understanding of all things¹²⁰.

Quantum mechanics holds matter and energy interchangeable. However, energy tends towards diffusion in matter, where difference is lost and sameness, we are told, is inevitable. Entropy is put in check by novelty. Life force¹²¹ is the novel force in the universe that brings in new information and rolls back the thermodynamic tendencies inherent in matter. Again, "Energy is eternal delight." The Life molecule is a dynamic entity¹²² and is the instigator of novelty and hence, pleasure¹²³, a wellspring of life. Life that tends to variegate into increased complexity as the structure of the universe flourishes.



Materials

Certain fundamental forces and tensions¹²⁴ can be relied on as universal. Assemblage of materials resident in structural domains are reliant on both a planet's field of gravimetric magnetism and orientation relative to the stars. Recognition of this hidden web of influences, of the energy filtering, accumulating, and flowing through construction materials, must be understood for the future of Universalist design¹²⁵. The built environment must be contemplated within the micro and macro universe of impacts. Recognition replaces awareness in this cascading paradigm shift.

¹¹⁸ The Golden Ratio: The Story of Phi, the World's Most Astonishing Number -Mario Livio (2002)

¹¹⁹ <https://www.sciencenews.org/article/mathematical-lives-plants>

¹²⁰ Kristallseelen : Studien über das anorganische Leben (1917) (Crystal souls: studies on inorganic life) Ernst Haeckel

¹²¹ Wilhelm Reich and Orgonomy: The Brilliant Psychiatrist and His Revolutionary Theory of Life Energy. By Ola Raknes. (1971)

¹²² <https://arxiv.org/abs/2306.01803> The central dogma of biological homochirality: How does chiral information propagate in a prebiotic network? S. Furkan Ozturk, Dimitar D. Sasselov, John D. Sutherland (2023).

¹²³ "What decides the purpose of life is simply the programme of the pleasure principle. This principle dominates the operation of the mental apparatus from the start. There can be no doubt about its efficacy, and yet its programme is at loggerheads with the whole world, with the macrocosm as much as with the microcosm." Sigmund Freud - Beyond the Pleasure Principle (1920)

¹²⁴ Tensegrity: Structural Systems for the Future, Rene Motro (2006)

¹²⁵ "Man's vegetative function, which he shares with all living nature, strives for development, activity, and pleasure; it shuns unpleasure, and is experienced in the form of flowing, surging sensations. These sensations are the essential element of every progressive, revolutionary world view." Wilhelm Reich The Sexual Revolution page 229.

Materials¹²⁶ have a lifespan¹²⁷. Functionally, they oscillate, expand and contract, echoing life's biology. It is believed that some materials are good for health and others unhealthy. Asbestos, lead, and other toxins are bad choices for our built environment. However, wood, stone and certain metals (iron, zinc, silver and gold¹²⁸) essential to life processes are preferred choices for our habitats. There is no doubt that humans are instinctively, intuitively attracted to certain healthy materials that improve their moods.

Materials can alter the energy of our habitat, stopping, storing, filtering, accumulating, and transforming the energy of the universe¹²⁹. The materials architects use not only effect our aesthetic appreciation of structures, but they also contribute to the sustainability of life with-in spaces. The energy of life, in all form(s), becomes an essential ingredient integrated into universalist architecture.

A new catalog of Architectural design solutions, devices and assemblies are anticipated in Universalist theory. Human Environ Research Structures¹³⁰ will inform our human sensorium awareness. Sophisticated scientific devices to measure the energy flow through structures, such as infrared photography, power monitoring and radiation detection, are now common. The science of heat, light and radiation flowing through our structures is now well documented and encoded into energy conservation codes¹³¹. Technological and intuitive measuring devices are on the horizon as universalist parameters are incorporated into the designing of Architecture for life energy¹³². This emphatic awareness of energies filtering through substances will fundamentally change the design of architecture. Resource efficiency is a symptom of cybernetic¹³³ feedback and the computational capacity to evaluate it.

Measuring the various energies flowing through material assemblages will enhance understanding of the magnetic, gravitational and life energy inherent in Architecture. Layered micro assemblies can advance the viability of wall laminations to create an elastic structural dynamic. An awareness of how energies¹³⁴ transmit through material assemblages will advance new catalogs of Architectural design solutions and devices. The buildings of the future, based on universalist theory, will act as cybernetic extensions of the biophilic¹³⁵ human form. "Singular to universal". Homeostasis lapses. Allostasis¹³⁶ engenders.

¹²⁶ The Substance of Civilization: Materials and Human History from the Stone Age to the Age of Silicon, Stephen L. Sass (2011)

¹²⁷ Structure and properties of materials John Wulff (1964)

¹²⁸ Metal Magic, The Esoteric Properties and Uses of Metals Mellie Uydert

¹²⁹ Studies on "Life-Energy" by means of a Quantitative Dowsing Method
III. Remote transmission of life energy by means of macroscopic quantum entanglement.

V. Torsion field experiments Roger Taylor PhD. The Mu, Brook Lane, Albury, Guildford, UK.

¹³⁰ Human Environ Research Structures (HERS), Formulated at The Cooper Union School of Architecture by Robert Strong (1979)

¹³¹ <https://www.energycodes.gov/codes-101>

¹³² We are drowning in information, while starving for wisdom. The world henceforth will be run by synthesizers, people able to put together the right information at the right time, think critically about it, and make important choices wisely. E. O. Wilson – Diversity of Life (2021)

¹³³ Cybernetics: Or Control and Communication in the Animal and the Machine, Norbert Wiener (1948)

¹³⁴ "...the human race has known about the existence of a universal energy related to life for many ages. However, the basic task of natural science consisted in making this energy usable." - Where's the Truth? -Wilhelm Reich 2/27/ 56

¹³⁵ *Biophilia* Edward O. Wilson (1984)

¹³⁶ Allostasis is a physiological mechanism of regulation in which the human body anticipates and adjusts its energy use according to environmental demands.

Current design has embraced Green structures, the Living Building Challenge¹³⁷, Cradle to Cradle design¹³⁸, morphology, nana-tectonics, layered envelopes, living walls, Net Zero-Energy (NZE) buildings¹³⁹, energy collecting materials and smart houses. Universalist architects envision the further development of holistic environments¹⁴⁰. Implementation of life force accumulator habitats introduces new components into the DNA of Architecture¹⁴¹.

Aesthetic experience of fashioned environments encounter intoxication with non-rectangular spaces¹⁴². The addiction to angle is broken¹⁴³. The pantheon and the arch changed Architectural history¹⁴⁴. Looking to the future exploration of design trajectories in construction, our collaborative consciousness endeavors to move beyond past ideas and uses with the innovations and technologies of evolving disciplines¹⁴⁵. New findings and prototypes become available for re-use and further development. Missives from a midden mound¹⁴⁶. Form metastasizes thermal, light, resonance, and conscious life energies with materials that shape the built environment. Synergy develops between the occupant's conscious perceptual sensation and interaction with the structure¹⁴⁷. Habitat becomes an extension of the user's body, facilitating continued increases in the complexity of comprehension. Pluriform architecture becomes an extension of our new interactive cybernetic reality¹⁴⁸.

The walls of our contemporary structures are constructed of layers of materials. Wilhelm Reich postulated that components consisting of layered materials could accumulate life's energy. His orgone boxes used layers of organic materials between metallic sheets, much like the insulated wall systems commonly used today. Layered wall sections also mimic electronic capacitor technology. Energy moving through layers of materials is transformed, altered, and stored¹⁴⁹. Any being within these structures engages and absorbs these nascent forces¹⁵⁰. A consistent vocabulary of energy transformation through layered materials can be universally life affirming. The development of a catalogue¹⁵¹ of such materials assemblies is paramount for universalist architects.

¹³⁷ The Living Building Challenge is an international sustainable building certification program created in (2006) by the non-profit International Living Future Institute.

¹³⁸ Cradle to Cradle® is a design principle developed in the (1990s) by Prof. Dr. Michael Braungart, William McDonough and EPEA Hamburg.

¹³⁹ <https://www.sciencedirect.com/science/article/abs/pii/S2211285521006443>

¹⁴⁰ Healing Spaces The Science of Place and Well-Being - Esther M. Sternberg, MD (2010)

¹⁴¹ Niklas Maak: Servermanifest: Architecture of the Data Center and the Future of Democracy (2022)

¹⁴² https://en.wikipedia.org/wiki/The_Dreams_in_the_Witch_House

¹⁴³ <https://www.britannica.com/science/non-Euclidean-geometry>

¹⁴⁴ [https://en.wikipedia.org/wiki/Keystone_\(architecture\)](https://en.wikipedia.org/wiki/Keystone_(architecture))

¹⁴⁵ "We must achieve neither mere history, nor mere fiction, but myth. A true myth is one which, within the universe of a certain culture (living or dead), expresses richly, and often perhaps tragically, the highest admirations possible within that culture."— Olaf Stapledon, Last and First Men: A Story of the Near and Far Future (1930)

¹⁴⁶ " In Finnegan's Wake, the function of the earth as generative matrix and as ground of sense perception largely attaches to two figures: the mound, which is associated with the fallen body of HCE (typically accompanied by the threatening presence of Bidy Doran or Kate); and the mystery of the "eternal geomater" (FW 296–97)⁸ which is revealed to be the sex of ALP. "Figures of the Earth: Non-Human Phenomenology in Joyce, Ruben Borg (2017)

¹⁴⁷ A City is Not a Tree: Christopher Alexander (1965) en.wikipedia.org/wiki/A_City_Is_Not_a_Tree :

¹⁴⁸ Norbert Wiener - The Human Use of Human Beings (1950)

https://en.wikipedia.org/wiki/The_Human_Use_of_Human_Beings

¹⁴⁹ *Bioenergetics* Alexander Lowen (1975) https://en.wikipedia.org/wiki/Alexander_Lowen

¹⁵⁰ Cosmic Superimposition: Man's Orgonotic Roots in Nature, Wilhelm Reich (1951)

¹⁵¹ https://en.wikipedia.org/wiki/Whole_Earth_Catalog

Science has evolved to embrace vibrating string theory, neutrinos, dark matter, black holes and all manner of quantum strangeness¹⁵². Scholarly postulations of additional dimensions beyond our current perception of space and time are commonly accepted¹⁵³. Encyclopedic awareness of the universe has increased exponentially. With vast computational capabilities and the manipulation of information in DNA¹⁵⁴, new life energy prototypes are anticipated¹⁵⁵. The construction of a charged, life enhancing environment is conceptualized to facilitate unforeseen actuators. These materials of Universal Architecture affirm and enhance a user's life.



Living¹⁵⁶ Energy

We accept “energy¹⁵⁷” as the basic life force¹⁵⁸ of the universe. Energy, when allied with form, transposes to information¹⁵⁹. Information inspires consciousness. Life-energy, when expressed as diverse manifestations of consciousness and tangled with matter fuels and offers incentive towards creation¹⁶⁰. Inanimate rocks become soil¹⁶¹ and with abiogenesis¹⁶², become plants, become animals, become humans with a conscious mind¹⁶³ that creates artificial

¹⁵² <https://home.web.cern.ch/about>

¹⁵³ Scientific Romances, Vol. 1; Charles H. Hinton (1884)

https://en.wikisource.org/wiki/What_is_the_Fourth_Dimension%3F

¹⁵⁴ https://en.wikipedia.org/wiki/CRISPR_gene_editing

¹⁵⁵ <https://www.sacral.c.u-tokyo.ac.jp/people>

¹⁵⁶ “Establish THE LIVING as sole criterion, not state, church, culture, etc. Turn to health.” Wilhelm Reich, diary entry, 12 Where's the Truth, Wilhelm Reich, (1949)

¹⁵⁷ [https://en.wikipedia.org/wiki/Thomas_Young_\(scientist\)](https://en.wikipedia.org/wiki/Thomas_Young_(scientist)) Young was the first to define the term "energy" in the modern sense.

¹⁵⁸ The life force does not seek power but demands only to play its full and acknowledged part in human affairs. It manifests itself through love, work and knowledge.— Wilhelm Reich, Listen, Little Man! (1954)

¹⁵⁹ The Magic of Obelisks, By Peter Tomkins (1984)

¹⁶⁰ <https://soundcloud.com/brainpicker/marcel-duchamp-the-creative-act>

¹⁶¹ The Early History of Protocells: The Search for the Recipe of Life Martin M. Hanczyc (2008); see Moritz Traube

¹⁶² <https://en.wikipedia.org/wiki/Abiogenesis>

¹⁶³ . Food of the Gods: The Search for the Original Tree of Knowledge – A Radical History of Plants, Drugs, and Human Evolution, Terence McKenna (1992)

intelligence¹⁶⁴. Resplendent in the new divergence¹⁶⁵. Speciation propels us forward with increased complexity and awareness¹⁶⁶.

Universalist's view life as the energy that fuels the universe from its beginning into its future¹⁶⁷. These fundamental zoetic forces are the basic concepts of this emerging Architectural theory. Based on the energy of life principles, we exist in an ever-expanding Universe of possibility¹⁶⁸. The dance of life forces systems from entropy through synergy¹⁶⁹ to negentropy¹⁷⁰.

From this the DNA of Architecture is mapped¹⁷¹. Mankind's inventiveness¹⁷² radiates forth into our galaxy and the Universe beyond. Like a living system the Universalist Manifesto of Architecture will grow, change, develop and expand¹⁷³. Potentialities are actualized in unforeseen manners. Ludwig Mies van der Rohe's modern adage "Less is More¹⁷⁴" is transformed within universalism to "The simplicity¹⁷⁵ of complexity¹⁷⁶."

Energy-releasing chemical reactions¹⁷⁷ are at the core of the living process of all organisms. These bioenergetic reactions have a myriad of substrates and products, but their main by-product is adenosine triphosphate (ATP)¹⁷⁸, life's primary currency of metabolic energy. Universalist designs focus on ATP's enhancement.

Created by humanity the most far-reaching manifestation of culture is Architecture and by its nature is living and evolving. Emerging theory imagines living designs that are sensuous environs. All things, all dimensions are alive emitting resonance. All matter is composed of energy and all energy is alive, although with varying levels of complexity and awareness. Producing Negentropy and Syntropy, increasing our perceptual vocabulary and propagating increased understanding¹⁷⁹. All concepts in the Universalist architectural design model are analyzed and processed with the functional principles underpinning life. Science recognizes the ability to store vast amounts of information in DNA. It presents evidence that we can change our

¹⁶⁴ The Singularity Is Near, Ray Kurzweil (2005).

¹⁶⁵ Robert Fripp - Under Heavy Manners Lyrics

¹⁶⁶ <https://www.integralworld.net/faixat1.html> Beyond Darwin by José Díez Faixat, Architect

¹⁶⁷ <https://en.wikipedia.org/wiki/Panspermia>

¹⁶⁸ Starmaker: Olaf Stapledon (1937) https://en.wikipedia.org/wiki/Star_Maker

¹⁶⁹ Synergetics: Explorations in the Geometry of Thinking, R. Buckminster Fuller(1975)

¹⁷⁰ The concept and phrase "negative entropy" was introduced by Erwin Schrödinger in his (1944) popular-science book What is Life?

¹⁷¹ DNA Mechanics and Topology, Sumitabha Brahmachari and John F. Marko (2020)

¹⁷² Creative Evolution (French: L'Évolution créatrice) is a 1907 book by French philosopher Henri Bergson. Its English translation appeared in (1911.) The book proposed a version of orthogenesis in place of Darwin's mechanism of natural selection, suggesting that evolution is motivated by the élan vital, a "vital impetus" that can also be understood as humanity's natural creative impulse.

¹⁷³ Computer Lib/Dream Machines: Ted Nelson (1974) <https://en.wikipedia.org/wiki/Intertwingularity>

¹⁷⁴ The phrase is often associated with the architect and furniture designer Ludwig Mies Van Der Rohe (1886-1969), one of the founders of modern architecture and a proponent of simplicity of style.

¹⁷⁵ https://en.wikipedia.org/wiki/KISS_principle

¹⁷⁶ Complexity theory explains the emergent behavior of complex systems such as living organisms, markets, or brains

¹⁷⁷ <https://www.khanacademy.org/science/ap-biology/cellular-energetics/cellular-energy/a/atp-and-reaction-coupling>

¹⁷⁸ https://en.wikipedia.org/wiki/Adenosine_triphosphate

Adenosine triphosphate (ATP) is a nucleotide that provides energy to drive and support many processes in living cells, such as muscle contraction, nerve impulse propagation, and chemical synthesis. Found in all known forms of life, it is often referred to as the "molecular unit of currency" of intracellular energy transfer.

¹⁷⁹ Intelligence as adaptive behavior: an experiment in computational neuroethology - Randall D. Beer. (1990)

DNA and pass it on. The embryo¹⁸⁰ of Universalist thought will grow limbs and appendages and a new DNA of Architecture shall emerge, propagating a new human speciation with cybernetic enhancements interacting with the Architectural environment of the future¹⁸¹.

Conclusion

Architectural theory¹⁸² cannot be separated from professional practice. As licensed professionals our ethics are to protect the life, health and welfare of people¹⁸³, our user citizenry. We are the doctors of the environment¹⁸⁴. If the effects of a building shape and assemblage have harmful effects on the life, health and welfare of the user we are ethically bound to know about it and ethically bound to design for the well-being of the building's occupants¹⁸⁵.

Conceptually all inclusive¹⁸⁶, prehistory into the future¹⁸⁷, physically and ephemeral, the way forward is Universal Theory. While offering a future view of anticipation, History within the universe of Ideas contributes to the elements of design. A universal aesthetic: historic, computational and geometric, viewed through microscopic and macroscopic lenses, materializes¹⁸⁸. All factors considered in the design solution function within this new paradigm.

Universalist Architectural theory identifies the emerging multidiscipline paradigms of our new sensorial and computational awareness of the environment. It is time to move beyond the accoutrements of duck and the decorated shed¹⁸⁹ and intimately engage the invisible landscape's flow of life force energy. New design parameters of the Universalist Architect are formed of a functional thinking philosophy building on layered assemblies and forms that enhance the energy of life¹⁹⁰. The universalist architect designs for micro atomic structures paired with the macro environment impacts and gives attention to the bioenergetic analysis of materials and form¹⁹¹. Designers understand the energy flow from the fringe¹⁹² to the center and reverse¹⁹³. Analysis of the structure's pulsation and accumulation of energy. Enhancement

¹⁸⁰ The cybernetic imagination of computational architecture – Camilo Andres Cifuentes Quin “Since the publication in (1948) of Norbert Wiener’s Cybernetics, this thought model has exerted a profound influence in contemporary knowledge. Such influence has been decisive for a paradigm shift in the profession of architecture and particularly for the rise of a computational perspective in architectural design. This article explores the link between the cybernetic paradigm and the conception of architectural design. This article explores the link between the cybernetic paradigm and the conception of architectural objects as performative, responsive, intelligent, and sentient artifacts—the visions of buildings that have been central in the development of digital Architecture in its early stages. <https://doi.org/10.1177/1478077115625516>

¹⁸² A history of Architectural theory: from Vitruvius to the present – Hanno-Walter Kruft (1994)

¹⁸³ <https://drmmstudio.com/>

¹⁸⁴ <https://planetark.org/>

¹⁸⁵ [soilhttps://www.archdaily.com/498519/the-story-of-maggie-s-centres-how-17-architects-came-to-tackle-cancer-care](https://www.archdaily.com/498519/the-story-of-maggie-s-centres-how-17-architects-came-to-tackle-cancer-care)

¹⁸⁶ Functionalism means seeing the common factors in everything.”Where’ the Truth- Wilhelm Reich (August 3, 1951)

¹⁸⁷ Def: Atemporal: Independent of time; timeless.

¹⁸⁸ https://en.wikipedia.org/wiki/Holographic_principle

¹⁸⁹ Lessons from sin city: The Architecture of Ductd vecorated shed” – Kurt Kohlstedt (2016)

Leatning from Las Vagas, Robert Venturi, Denise Scott Brown (1972)

¹⁹⁰ <https://en.wikipedia.org/wiki/Extropianism>

¹⁹¹ See paul laffoley’s “Das Urpflanze Haus”.

https://duckduckgo.com/?t=h_&q=Das+Urpflanze+Haus&iax=images&ia=images

¹⁹² https://en.wikipedia.org/wiki/Fringe_theory

¹⁹³ <https://yeatsvision.com/geometry.html>

of the occupant's vitality¹⁹⁴. Function of the Orgasm's contribution to Creativity as the wellspring of life. Expansion and Contraction or inhalation and exhalation of structures. Grounding of structures in place. These functional design philosophies empower architects with agency to grow¹⁹⁵ buildings. Universalist Architecture for our sensuous life¹⁹⁶.¹⁹⁷

¹⁹⁴ "The pleasure of living and the pleasure of the orgasm are identical." Wilhelm Reich

¹⁹⁵ "Growth is the only evidence of life." — John Henry Newman (2021)

¹⁹⁶ "Find ecstasy in life; the mere sense of living is joy enough." Emily Dickinson

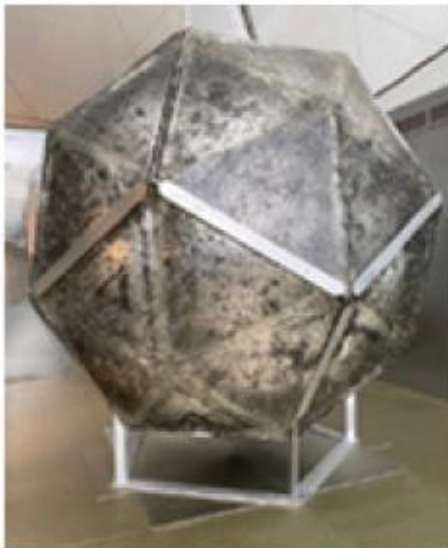


¹⁹⁷ Steve Speer was an invaluable Research Assistant in the development of this Manifesto.

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PYRAMID THREE LAYER ORGONE ACCUMULATOR
Galvanized steel and cellulose layers.



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