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Research paper
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QUALITY OF LIFE MODEL WITH SUPER DIMENSIONS

Abstract: *This paper introduces a novel quality of life (QoL) model integrating an over-dimension (mind field network) and super dimensions (macro and micro world influences) with traditional dimensions (economy, society, environment). The human mind, part of a universal mind field, interacts with physical fields (e.g., Earth's magnetic field, solar radiation) and micro-level particles (e.g., photons, quarks), shaping health, behavior, and happiness. This interdisciplinary model, bridging physics, consciousness studies, and social sciences, redefines QoL and calls for innovative research into mind-matter and cosmic interactions.*

Keywords: *Quality Of Life, Mind Field, Macro World, Micro World, Magnetic Fields, Cosmic Radiation, Schumann Resonance, Spirituality, Happiness*

1. Introduction

Traditional quality of life (QoL) models, rooted in economic, social, and environmental metrics, provide valuable insights but fail to capture the full spectrum of human existence. Humans are not isolated entities; they are immersed in a complex interplay of cosmic forces (e.g., solar activity, Earth's magnetic field) and microscopic interactions (e.g., photons, quarks), which profoundly influence physical health, psychological well-being, and societal dynamics (Persinger, 2013). Moreover, the human mind, far from being a mere byproduct of neural activity, is conceptualized as a non-material entity within a universal mind field network, capable of shaping reality and influencing QoL (Amoroso, 2010). This perspective challenges materialistic paradigms, aligning with philosophical inquiries into consciousness and existence, which suggest that human purpose and spirituality are integral to well-being (Boaz, 2011).

The motivation for this new model stems from both scientific and societal imperatives. Scientifically, advances in consciousness studies, quantum physics, and heliophysics reveal connections between mind, matter, and cosmic phenomena, necessitating an interdisciplinary approach to QoL (Hameroff & Penrose, 2016). Societally, modern stressors—such as rapid technological advancements, environmental degradation, and global connectivity—amplify the need for a holistic framework that accounts for non-material and cosmic influences. For instance, increased exposure to electromagnetic fields from technology may interact with the mind field, affecting mental health (Rubik & Jabs, 2017). This paper proposes a groundbreaking QoL model incorporating an over-dimension (mind field network) and super dimensions (macro and micro worlds), alongside traditional dimensions, to address these complexities and redefine human well-being in a cosmic and spiritual context.

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2. Current quality of life models

The standard QoL model, widely used for urban and national assessments, comprises three core dimensions: economics (e.g., income, employment), social (e.g., education, health care), and environment (e.g., air quality, green spaces) (Diener & Suh, 1997). For example, the United Nations' Human Development Index (HDI) integrates income, education, and life expectancy to rank countries, emphasizing measurable, human-centric indicators. An extended model, tested in Bosnia and Herzegovina, incorporates science/technology (e.g., innovation, digital access) and value systems (e.g., cultural norms, ethics), recognizing the growing influence of technological advancements and cultural diversity on QoL (Ventegodt et al., 2003). This model was applied to assess post-conflict recovery, highlighting how technology and values shape community resilience.

Despite their strengths, these models are limited by their anthropocentric focus, ignoring the broader physical and mental contexts of human existence. They fail to account for cosmic influences, such as solar storms or geomagnetic fluctuations, which can affect mood and infrastructure (Schrijver et al., 2015). Similarly, they overlook microscopic interactions, like biophoton emissions, which may influence cellular health and consciousness (Kobayashi et al., 2009). Moreover, traditional models neglect the non-material aspects of well-being, such as spirituality or collective consciousness, which are critical for subjective well-being—a related framework emphasizing personal satisfaction and emotional health (Diener & Suh, 1997). Subjective well-being models, while valuable for capturing individual experiences, also lack integration with cosmic or mind field dynamics, limiting their scope. The proposed model addresses these gaps by incorporating over-dimension and super dimensions.

3. The natural environment of man: the world

3.1. A – Mind Field

The human mind is not confined to the brain but exists as a particularity within a universal mind field network, distinct from matter and energy (Pitkanen, 2017). This network connects individual minds to collective consciousness (e.g., national or organizational identities) and global consciousness (humanity's shared goals), influencing thoughts, emotions, and behaviors (Chopra & Tanzi, 2012). For example, collective consciousness can foster social cohesion, as seen in unified responses to crises, potentially enabled by subtle mind field interactions like telepathy (Rubik & Jabs, 2017). The planetary mind field, a key layer, integrates all life on Earth, shaping subconscious processes and societal dynamics (Smetham, 2010). Subdimensions include collective consciousness, global consciousness, and planetary mind, each contributing to QoL through spiritual and emotional fulfillment.

3.2. B – Macro World

The macro world—Earth, Sun, Moon, and cosmic systems—impacts humans via gravitational, magnetic, and radiation fields. Earth's magnetosphere and Schumann resonance, oscillating at 7.83 Hz, synchronize with brainwave frequencies, influencing cognitive functions and mood (McCraty et al., 2006). Solar activities, such as sunspots and coronal mass ejections, trigger geomagnetic storms, linked to increased anxiety and cardiovascular issues (Vencloviene et al., 2018). Lunar tides subtly affect biological rhythms, potentially influencing sleep patterns (Schrijver et al., 2015). Cosmic radiation from supernovae and black holes alters the biosphere, impacting human health indirectly (Melott & Thomas, 2011). These influences, measurable through cosmic weather monitoring, are critical for QoL.

3.3. C – Micro World

The micro world, spanning molecules to quarks and photons, underpins human biology and consciousness. Molecules like DNA and RNA, potentially products of the mind field, are foundational to life, with their biomorphic fields suggesting a non-evolutionary origin (Bókkon et al., 2010). Photons and biophotons, emitted by living cells, facilitate perception and intercellular communication, with biophoton coherence linked to DNA function and health (Kobayashi et al., 2009). Dark photons, associated with dark matter, may mediate subconscious processes, connecting humans to the universe's hidden sectors (An et al., 2013). Neutrinos and cosmic rays, passing through the body, cause subtle genetic mutations, influencing evolution and health (Neuser, 2015). These micro-level interactions profoundly affect QoL, emotions, and cognitive processes.

3.4. D – Planet Earth and Society

Traditional dimensions—environment, economy, society, science/technology, and value systems—capture local and social influences on QoL. Environmental quality, economic stability, and social cohesion are critical, but their impact is modulated by the over-dimension and super dimensions (Lora, 2008). For instance, technological advancements amplify human exposure to cosmic influences, necessitating their integration into QoL models.

4. Fundamental model of quality of life

The proposed model integrates three levels:

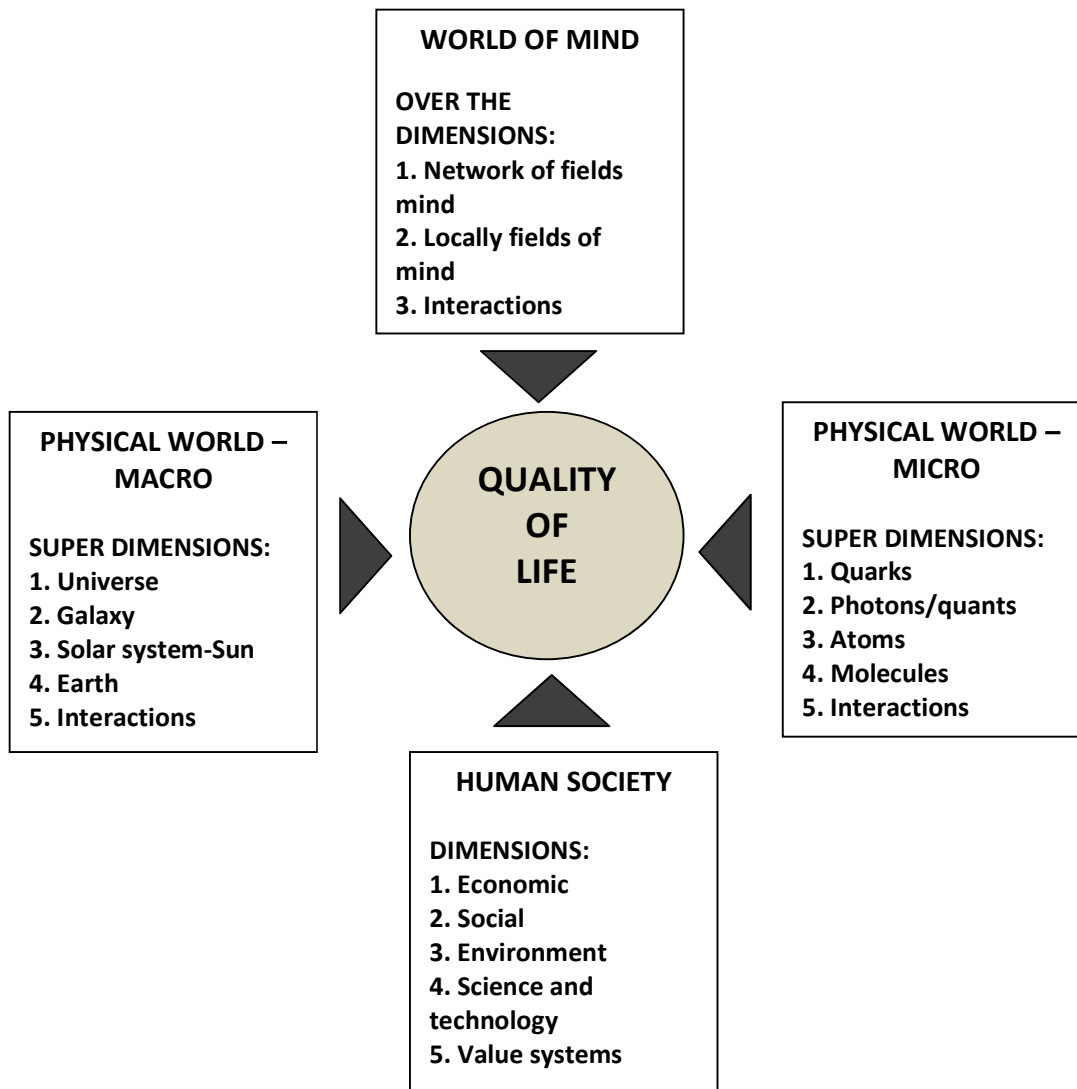
- **Over-dimension:** The mind field network, linking individual, collective, and universal consciousness, shapes reality and influences spirituality and purpose (Wolf, 1999).

- **Super dimensions:** The macro world (e.g., solar storms, cosmic radiation) and micro world (e.g., biophotons, dark matter) affect physical and mental health through measurable and subtle interactions (Moldwin, 2008).
- **Dimensions:** Economy, society, environment, science/technology, and value systems provide the human-centric context (Ventegodt et al., 2003).

These levels interact bidirectionally: the mind field influences physical reality, while cosmic and micro-level forces shape consciousness and behavior, creating a dynamic QoL framework (Hameroff & Penrose, 2016). Figure 1. illustrates this structure, emphasizing the interconnectedness of all dimensions.

5. Over dimension of quality of life

The over-dimension, encompassing the mind field network, represents a paradigm shift in understanding QoL by prioritizing the non-material interactions between individual, collective, and universal consciousness. The mind field is not a passive entity but an active network that connects individual thoughts and emotions to broader consciousness layers, such as national identities, cultural movements, or humanity's shared aspirations (Stinson, 2011). For instance, phenomena like synchronized emotional responses during global events (e.g., collective grief or celebration) suggest a networked consciousness that transcends physical boundaries, potentially influencing mental health and social harmony (Chopra & Tanzi, 2012). This dimension directly impacts QoL by fostering spirituality, a sense of purpose, and emotional resilience, which are critical for well-being in an increasingly fragmented world.



TYPES DIMENSIONS OF QoL:

- A. Over the dimensions (all pervading)**
- B. Super dimension (encompassing)**
- C. Dimension (of human activity and relationships)**

Figure 1. Structure of dimensions of people's quality of life

Practically, the mind field could inform mental health interventions, such as group meditation or mindfulness practices, which have shown promise in enhancing collective well-being by aligning individual mind states

with broader consciousness networks (Rubik & Jabs, 2017). However, measuring these interactions remains a challenge due to the non-material nature of the mind. Future research could employ advanced

methodologies, such as high-resolution electroencephalography (EEG) to detect synchronized brainwave patterns across groups, or quantum field theories to model mind-matter interactions at a fundamental level (Hardy, 2017). Experimental approaches might include studying the effects of intentionality in group settings, where collective focus (e.g., prayer or meditation) alters measurable outcomes like stress levels or cognitive performance (Boaz, 2011). Additionally, computational models of consciousness networks, inspired by graph theory, could quantify the strength and reach of mind field connections. By prioritizing mental and spiritual well-being over material metrics, the over-dimension redefines QoL as a holistic interplay of consciousness and reality.

6. Super dimensions of quality of life

The super dimensions of quality of life (QoL)—encompassing the macro world (Earth, Sun, and cosmic systems) and the micro world (molecules, photons, and subatomic particles)—capture the profound influences of physical and subtle forces on human health, behavior, and well-being. These dimensions, operating beyond traditional economic, social, and environmental frameworks, highlight the interconnectedness of humans with the universe, necessitating advanced research to quantify their impacts (Moldwin, 2008).

6.1. A – Macro World: Earth and Sun

The macro world exerts significant effects on QoL through gravitational, magnetic, and radiation fields. Earth's magnetosphere shields the planet from solar and cosmic radiation, while its magnetic field, modulated by solar activity, influences biological rhythms and cognitive functions (Persinger, 2013). The Schumann resonance, a set of low-frequency electromagnetic waves oscillating at approximately 7.83 Hz,

aligns with human brainwave frequencies (e.g., alpha waves), promoting mental clarity and emotional stability when in sync but causing stress when disrupted (McCraty et al., 2006). Solar activities, such as sunspots and coronal mass ejections, trigger geomagnetic storms, which are associated with increased hospital admissions for cardiovascular diseases, heightened anxiety, and even suicide rates in vulnerable populations (Vencloviene et al., 2018). For example, severe geomagnetic storms (G4–G5) can disrupt power grids and satellite communications, indirectly affecting societal well-being (NOAA, 2017) (Table 1).

Beyond Earth and Sun, galactic cosmic rays—high-energy particles from supernovae and black holes—penetrate the atmosphere, subtly altering the biosphere and potentially influencing genetic mutations (Melott & Thomas, 2011). Planetary alignments, though less studied, may modulate gravitational fields, affecting tidal patterns and biological rhythms, such as sleep cycles (Schrijver et al., 2015). Monitoring technologies, such as magnetometers and space weather satellites, provide real-time data on these phenomena, enabling researchers to correlate cosmic events with health outcomes. Future studies could develop predictive models to mitigate geomagnetic storm impacts, enhancing QoL by safeguarding physical and mental health (Moldwin, 2008).

6.2. B – Micro World: Molecules and Photons

The micro world, spanning molecules to subatomic particles, forms the foundation of human biology and consciousness, profoundly shaping QoL. Molecules like DNA and RNA, potentially influenced by the mind field network, govern cellular processes and may carry biomorphic fields that suggest a non-evolutionary origin, challenging traditional biological paradigms (Bókkon et al., 2010). Biophotons, ultraweak light emissions from living cells, regulate

intercellular communication and metabolic processes, with their coherence linked to DNA integrity and overall health (Kobayashi et al., 2009). Disruptions in biophoton emission, observed in diseased cells, correlate with conditions like cancer,

highlighting their role in QoL (Kobayashi et al., 2009). Dark photons, hypothetical particles associated with dark matter, may mediate subconscious processes, potentially linking human intuition and emotions to the universe's hidden sectors (An et al., 2013).

Table 1. Geomagnetic Storm Intensity Scale (NOAA, 2017)

Level	Impact
G1 (Minor)	Minor power grid fluctuations, aurora visibility
G2 (Moderate)	Power system issues, satellite drag
G3 (Strong)	Widespread power issues, navigation errors
G4 (Severe)	Power outages, satellite failures
G5 (Extreme)	Grid collapse, communication disruptions

Neutrinos, traveling through the body at 100 trillion per second, and cosmic rays cause subtle DNA mutations, influencing long-term evolutionary processes and health outcomes (Neuser, 2015). For instance, chronic exposure to cosmic rays may increase oxidative stress, affecting aging and disease susceptibility. These micro-level interactions, though subtle, accumulate over time, shaping physical and mental well-being. Research methods, such as biophoton imaging and high-sensitivity particle detectors, are essential to quantify these effects. Emerging technologies, like quantum sensors, could measure dark photon interactions, while advanced spectroscopy might reveal biophoton patterns associated with cognitive states (Mambrini, 2010). By integrating macro and micro world influences, this super dimension underscores the need for a holistic QoL model that accounts for both measurable and subtle forces, paving the way for innovative health and consciousness research.

7. Conclusion

The proposed quality of life (QoL) model, integrating the mind field network (over-dimension), macro and micro world influences (super dimensions), and traditional dimensions (economy, society, environment), represents a transformative paradigm shift in understanding human well-

being. By recognizing the mind as a non-material entity within a universal consciousness network and acknowledging the profound impacts of cosmic and microscopic forces, this model transcends the limitations of anthropocentric frameworks, offering a holistic perspective that aligns with emerging scientific and philosophical insights (Hardy, 2017). It redefines QoL as an interplay of physical, mental, and spiritual dimensions, challenging researchers to explore the interconnectedness of human existence with the universe.

Interdisciplinary research is critical to validate and expand this model. Collaborations between physicists studying cosmic weather (e.g., solar storms, radiation), neuroscientists investigating brainwave synchronization, and psychologists exploring collective consciousness could yield groundbreaking insights (Moldwin, 2008; Rubik & Jabs, 2017). For instance, developing advanced sensors to measure Schumann resonance effects or biophoton emissions could quantify super dimension impacts, while EEG studies of group meditation might reveal mind field dynamics (Boaz, 2011). Social scientists could assess how these factors influence societal cohesion, informing policies to mitigate geomagnetic storm effects on infrastructure or promote mindfulness practices for mental health

(Schrijver et al., 2015).

Societally, the model has far-reaching implications. Governments could integrate cosmic weather forecasts into public health strategies, reducing the impact of geomagnetic disturbances on vulnerable populations (Vencloviene et al., 2018). Educational initiatives promoting spiritual and emotional resilience could leverage mind field awareness, fostering a sense of global interconnectedness (Chopra & Tanzi,

2012). Future research should prioritize technological advancements, such as quantum computing for modeling consciousness networks or satellite systems for real-time cosmic monitoring, to make these influences measurable and actionable (Hameroff & Penrose, 2016). Ultimately, this model invites humanity to reimagine well-being as a cosmic and spiritual journey, deepening our understanding of purpose, happiness, and unity with the universe.

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