


## Consciousness as temporal *transcendence*

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**Abstract:** In presenting the case for an information touchstone of logic as the code of a zero-dimensional time and space theory, in confirming what is observed of physical phenomena, the presumption of consciousness in this process of logic, information, confirmation, and thence the supposition of awareness is addressed. The manner of this address is through identifying information as themes relevant to the zero-dimensional physical theory's derivations. In recognition of our conscious drives and abilities, the information themes are considered as being self-evident for what is generally considered as consciousness. Identified here in this paper are those basic themes in physical reality we more likely than not as conscious beings are subject to.

**Keywords:** consciousness, transcendence, temporal mechanics, zero dimension; zero-dimensional; sentience; holograph

## 1. Introduction

Here upon the work of Temporal Mechanics<sup>12</sup> and associated zero-dimensional number theory, specifically in extending from paper 58 [58], the case for a touchstone logic forming the basis of the zero-dimensional number and physical theories needs to address its one key assumption, namely the carried idea of *temporal perception*. Although the idea of temporal perception was presented in paper 1 [1] in the self-evident manner of how we are most basically time-before (past), time-now (present), and time-after (future) *aware*, the inclusion there and its carriage throughout the papers is still an assumption.

The concern with the findings of the zero-dimensional number theory, as presented in paper 58 [58], is the derivation of the stars being a holographic projection of events in this solar system's Hydrogen wall, despite the zero-dimensional number theory being able to derive all the fundamental and key physical phenomenal features of this solar system. Here, the suggestion is that the assumption of temporal perception has led to this result, namely that the formulation of the holographic nature of the stars carries the developed nature of temporal perception and thence the idea of consciousness itself. The question is if this can be demonstrated.

The art here with this paper is to therefore describe fundamental features of consciousness *from* a proposed information touchstone basis of logic, *from* the findings of paper 58 to determine if such is the case, as follows:

1. Introduction
2. Temporal and spatial *emergence*
3. Consciousness as temporal *transcendence*
4. Astrophysical transcendence
5. Conclusion

This paper is not asking if or how we were created or evolved into sentient beings, yet here the idea of themes of consciousness embedded in reality's time and space operation are identified, themes that we more likely than not are subject to in our normal congress of being conscious. The proposed *proof of these themes* is the basis from which they were derived, namely the zero-dimensional number theory and how such confirms what is *observed* of this solar system and beyond. Here therefore, the

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<sup>1</sup>The current work of 58 papers detailing a new mathematical approach to the dimensions of time and space as zero-dimensional logic. see <https://www.xemdir.com/>

<sup>2</sup>[1][2][3][4][5][6][7][8][9][10][11][12][13][14][15][16][17][18][19][20][21][22][23][24][25][26][27][28][29][30][31][32][33][34][35][36][37][38][39][40][41][42][43][44][45][46][47][48][49][50][51][52][53][54][55][56][57][58].

aim is not to prove what consciousness is, yet that by all the supporting derived features from a touchstone logic, consciousness as a concept can be structured and thence conjectured as these derived themes that not just emerge from zero-dimensional time and space yet are defined by their emergence from time and space.

## 2. Temporal and spatial *emergence*

The core idea of the zero-dimensional number theory is its logic, a logic central to a temporal touchstone<sup>3</sup>, namely:

- (i) that physical reality and thence we in being a part of physical reality exist in the moment, one moment to the next.

Such is considered as a self-evident feature of a core condition of reality. This was described throughout paper 58 [58]. Explained there<sup>4</sup> is the *law of thought* process for zero-dimensional time and zero-dimensional space, namely:

- (ii) zero-dimensional time is not zero-dimensional space.

Highlighted there is that associated to the zero-dimensionality for time and space is a *paradox*, specifically a *scaling paradox* for zero-dimensional space, namely:

- (iii) the paradox of the size and number of zero-dimensional space as points.

This paradox is resolved as a first step of resolution by labelling time-now as the mathematical value of “1” and labelling zero-dimensional space (point) as “0”.

The second step of resolving the zero-infinity scaling paradox for a point in space is to address what does *not* carry a paradox, and that is time-now. There the proposal is to:

- (iv) create two new datum-references for time, namely time-before and time-after.

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<sup>3</sup> [58]: p8-9.

<sup>4</sup> [58]: p6-9.

Such (iv) forms the basis for the emergence of the dimension of time, derived as an arrow from time-before→time-after via time-now. Such (iv) also forms the basis for the *emergence of the 3 dimensions of space, as spatial emergence*, by the proposed mathematical labelling of zero-dimensional time and zero-dimensional space<sup>5</sup>. To note there is that:

- (v) reality *still exists* in the datum reference of time-now (i), and thus spatial points must also exist in time-now, and thence spatial dimensions connecting spatial points thence exist in time-now.

By such, there exists a type of *transcendence* of time-now from that time-now condition (i), namely by the proposed structures of time-before and time-after.

The term *transcendence* is used here as it refers to a *going beyond* of what is physically real, of what is conditioned for what exists in the datum-reference of time-now. It is this feature that has been employed from paper 1 [1] as the basis for our perception ability, namely by proposing conditions for time-before and time-after that meet with our conscious faculties with such realms, specifically:

- (vi) that time-before as the past is known,
- (vii) and time-after as the future is unknown.

### 3. Consciousness as temporal *transcendence*

The proposal here is to consider the idea of time-before and time-after, this temporal *transcendence*, to represent the core feature of consciousness as underlying or more correctly as being *transcendentally* circumspect to physical reality. To support this proposal, several key ideas can be presented highlighting the nature of time-before and time-after as the levers of conscious expression:

- (viii) time-now, the here and now, is held between the contexts of time-before and time-after, time-now as the reference of *consciousness*,
- (ix) *conscious transcendence* is proposed to be *from* time-now, from *consciousness*, to either time-before (beginning) or time-after (end),

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<sup>5</sup> [49]: p3-16.

- (x) the realms of time-before and time-after are responsible for emerging dimensionality and thence physicality and thence *consciousness*, as per (iv)-(v).
- (xi) *spatial emergence* in association with *conscious transcendence* (ix) is thence akin to the facility of *spatial awareness*.

These points (viii)-(xi) could be considered as *drives* of temporal and spatial awareness, of upholding/protecting a time-now reference, or rather, upholding the basic temporal touchstone of time-now. It thence follows:

- (xii) *situational awareness* is both *temporal transcendence* and *spatial awareness*, with *temporal transcendence* as a *time-before and time-after negotiation* keeping *spatial awareness* intact.

Proposed here are themes of the emergence of the dimensions of time and space from zero-dimensionality that are being *given terms suggestive of consciousness*. The idea of what represents a functioning conscious being and how such is constructed is not in the constitution of this paper. Highlighted here though are themes known to consciousness that may be a part of a fundamental structure of reality, a fundamental structure of reality that can be described with logic and information. One thing though that can be now conjectured is the significance of naturally occurring holograms in this process, and how naturally occurring holograms may relate with any of these listed themes of consciousness (viii)-(xii).

#### 4. *Astrophysical transcendence*

The key issue of the zero-dimensional number theory identified in papers 57-58 [57][58] is the feature of the stars derived to be holographic projections from the solar system's Hydrogen wall. In presuming that the zero-dimensional theory is correct with this result, and that the stars are in fact holographic projections from the Hydrogen wall, the derivation of a naturally occurring *apparition* of such great magnitude cannot be overlooked.

In investigating the mechanics of this proposed apparition, according to paper 34<sup>6</sup> one key feature of this phenomenon of note is:

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<sup>6</sup> [34]: p23-32.

- (xiii) Earth being the solar system temporal *anchor* of reference for the holographic projection.

By such:

- (xiv) there is a *temporal transcendent* connection between the Earth and what are viewed as stars.

Thence, given the stars are proposed to be holographic projections and thence *apparitions*:

- (xv) the *temporal transcendent* connection between Earth and the stars is proposed as an imaginative albeit time and space functional link between Earth and the stars,  
 (xvi) such, as a natural *astrophysical transcendence* functionality of this solar system.

To note of this proposed *astrophysical transcendence* functionality is that that given what exists outside the solar system is derived to be a type of *black expanse*<sup>7</sup>, as zero-dimensional time and space, and such underlies the physical reality of this solar system, then this *astrophysical transcendence* feature would be present *throughout* the solar system.

If indeed therefore there is an ever present holographic and thence imaginative feature to *temporal transcendence* as consciousness throughout the solar system, this feature is still by derivation anchored here on Earth, suggesting that consciousness facilitating *imagination* as time-before (such as memories) and time-after (such as visions) would be *optimally* central to Earth, or rather, is ideally present on Earth.

Once again, these are proposals as themes of consciousness when applied to the results of the zero-dimensional number theory in addressing the initial assumed condition of temporal consciousness in paper 1 [1]. To further support these proposals would be to test them with our own abilities, and perhaps to consult how we as a species have behaved throughout history.

Indeed though, if there is a natural hologram in play in this solar system, here proposed as the stars, how would we know such as a hologram? Would we not think the hologram *not* as a hologram yet as real in our not being able to go out there? Understandably, we as a species have naturally

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<sup>7</sup> [33]: p5-8; [34]: p23-31

considered the stars to be real suns in our not being able to confirm or deny their existence owing to our absence there.

The proposal here therefore presents the case for how the zero-dimensional number theory, in correctly deriving and identifying this solar system, specifically its physical laws and phenomena and relative metrics and scales, even the relative metrics and scales of what appear as stars, can explain the derivation of the stars being holographic projections from the Hydrogen wall, and how such is related to the initial assumption of temporal awareness as presented in paper 1 [1].

## 5. Conclusion

Here is a zero-dimensional number and physical theory for the grand stage of this solar system, not of how we manifested as a species, nor what our specific agenda as a species is or may be, rather what the basis of our conscious ability most likely is, and what those associated limitations of this grand stage for us most likely are. The specific finding here is that the likelihood of *temporal transcendence* as the basis of consciousness is high, where the idea of there being a grand *temporal transcendent* consciousness that is ever present, a beginning and end of all things, one that can be imagined, is perhaps the most interesting feature to all of such.

## Conflicts of Interest

The author declares no conflicts of interest; this has been an entirely self-funded independent project.

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