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ON QUANTUM-HOLOGRAPHIC & TRANS-GENERATIONAL IMPLICATIONS FOR CHILD DEVELOPMENT

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Abstract. *Our previously developed quantum-informational framework of psychosomatics seems to provide theoretically fundamental understanding of nature of psychosomatic diseases as well as limitations of their prevention & healing methods, by imposing new healing boundary conditions in energy-state space of EM quantum-field-related acupuncture system / (individual & collective) consciousness – suggesting three front lines of psychosomatic medicine: (i) collective consciousness, (ii) acupuncture system / individual consciousness, & (iii) somatic level. It should be noted that necessary activities in second & third levels, with neglect of first level, would result in further transfer of memory attractors on the level of individual & collective consciousness in this & future generations. This suggests necessity to focus on origins of many problems in child development on underlying prenatal trans-generational levels, & might be inspiring for wider applications of transpersonal holistic approaches & techniques in improvement of child development.*

Keywords: *Child development, quantum-holographic & trans-generational implications, integrative medicine & transpersonal psychology, acupuncture-based & consciousness-based approaches and techniques.*

The paper is organized as follows:

Section 1 introduces *motivation for considering transpersonal implications for child development.*

Section 2 outlines author's *quantum-holographic / quantum-gravitational theoretical framework for psychosomatics & spirituality.*

Section 3 considers *trans-generational experiences & implications for child development.*

Section 4 discusses *trans-generational experiences & implications from traditional & contemporary practices.*

Section 5 concludes on *necessity of wider applications of transpersonal holistic approaches & techniques in improvement of child development.*

1. INTRODUCTION

In conclusions of **First International Congress on Psychological Trauma: Prenatal, Perinatal & Postnatal aspects (PTPPA 2015)** following messages were outlined [1]:

(i) For understanding development of human consciousness, communication, behaviour & learning, we must apply a **holistic approach from the prenatal period, from preconception**, because a man is a unique expression of **trans-generational characteristics** of his ancestors & interactions with closer & wider environment;

(ii) If in considering development of communication & behaviour **we do not perceive this fact**, we might consequently come into a situation of **not being able to have substantial insight** into our own situation & behaviour, & even less of the others;

(iii) Experts who deal with child development, upbringing & education, should **complement their knowledge with the art of composing & interpreting genealogic tree** (somatic, psychological, spiritual), thus gaining holistic insight into complete development of a person from the moment of conception, & being adequately prepared to support young generations properly.

This paper is fully in line with these conclusions.

2. ON QUANTUM-HOLOGRAPHIC FRAMEWORK FOR PSYCHOSOMATICS & SPIRITUALITY

Our *Hopfield-like neural macroscopic quantum-holographic / quantum-gravitational* (HNMQHQQ) theoretical framework for **psychosomatics & spirituality** provides fundamental understanding of **nature of psychosomatic diseases**, with all holistic **acupuncture-based & consciousness-based** approaches & techniques treated as **quantum-informational therapies**, by **imposing new healing boundary conditions** in energy-state space of electromagnetic (EM) quantum-field-related acupuncture system / (individual & collective) consciousness.

This suggests **three front lines of psychosomatic integrative medicine** [2-9]: (i) **collective consciousness**, (ii) **acupuncture system / individual consciousness**, & (iii) **somatic level**.

It should be noted that **necessary activities in second & third levels**, but **neglect of first level**, would result in **further transpersonal transfer** of memory attractors on the level of individual & collective consciousness in this & future generations.

This suggests **necessity to focus on origins** of many problems in child development on underlying prenatal **trans-generational levels**, as suggested by experiences of clients in posthypnotic regressions as well.

It should be added that **psychosomatic healthy state** is state of **minimal entropy** while **psychosomatic disordered state** is state of **increased entropy** – & application of some **psychosomatic therapy** naturally **decreases entropy** (degradation) i.e. **increases information** (organization) of (open) psychosomatic system [10-12] (cf. **Figure 1 & Note 1**).

Then, in the context of holistic **acupuncture-based & consciousness-based** approaches & techniques [3,5,6,8,13,14], their **goal would be (external) bioresonant excitation of target's disordered** palpatory-painful / psychologically-traumatic attractors of (open) acupuncture system / (individual) consciousness. This enables disordered initial attractors to be **one-by-one bioresonantly excited** (similar to annealing procedure in ANNs [15]), thus becoming shallower & wider on account of deepening of (energy-dominating) attractor of healthy quantum state (acupuncture palpatory painless or psychologically non-traumatic).

But, when this process is **hindered by transpersonal entangled blockages** in energy-state space of EM field of (open) acupuncture system / (individual & collective) consciousness – then **memory attractors of EM field-related collective consciousness** should be removed too, to **disentangle energy-informationally** all mental addresses included in problem with goal to achieve **permanent healing** i.e. spiritual integration of personality [3,5,8-11,16-20].

This purified information of healthy quantum state is then altogether **quantum-holographically projected** on lower quantum-holographic cellular levels, so improving expression of genes in morphogenesis (downward causation!).

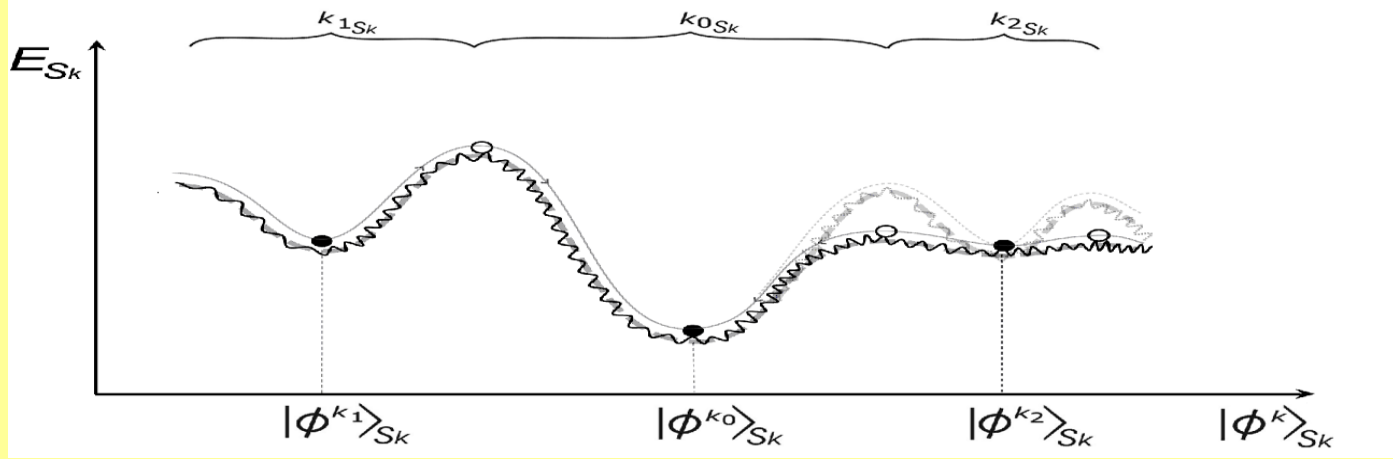


Figure 1. Schematic presentation of the adaptation of memory attractors in the energy-state ($E_{S_k}(\phi^k)$) hypersurface of the **quantum-holographic memory** of various hierarchical levels of biological **macroscopic open quantum systems** S_k (*local cell's biomolecular protein-target, local acupuncture system-consciousness, or nonlocal out-of-body consciousness-collective consciousness*) [7-9]:

$$G(r_2, t_2; r_1, t_1) = \sum_{i=1}^P \phi^{k_i}(r_2, t_2) \phi^{k_i*}(r_1, t_1) = \sum_{i=1}^P A_{k_i}(r_2, t_2) A_{k_i}^*(r_1, t_1) e^{\frac{i}{\hbar}(\alpha_{k_i}(r_2, t_2) - \alpha_{k_i}(r_1, t_1))}$$

It should be pointed out that Nature presumably has chosen elegant **biological room-temperature solution for quantum-holographic information processing**, permanently fluctuating between quantum-coherent $|\phi^k(t)\rangle_{S_k} =$

$\sum_i c_{k_i}(t) |\phi^{k_i}\rangle_{S_k}$ and classically-reduced $\hat{\rho}_{S_k}^k(t) = \sum_i |c_{k_i}(t)|^2 |\phi^{k_i}\rangle_{S_k S_k} \langle \phi^{k_i}|$ states of the biological macroscopic open quantum system S_k , via non-stationary bioresonance interactions with out-of-body farther environment and through decoherence by bodily closer environment. Thus **quantum neural holography** combined with **quantum decoherence** might be very significant element of the **feedback bioinformatics**, from the level of cell – to the level of organism – and further to the level of collective consciousness, with **backward dynamic influence on the expression of genes**. This implies **necessity** of quantum-informational successive **bioresonant balancing** of all unwilling side memory attractors (like ϕ^{k_2} in the Figure), which would cause development of **psychosomatic diseases** on the individual level, and **interpersonal fights** in this and further generations on the collective level.

Note 1. *Peruš* [53] showed that **any quantum system** has mathematical structure of **quantum-holographic Hopfield-like neural network** (within Feynman's propagator version of quantum mechanics). Then it follows that **manifestly macroscopic quantum-like acupuncture system & consciousness** – have fundamental (not model-dependent!) informational structure of **quantum-holographic Hopfield-like neural network** [4,5,7,9,27], with **Hebb-like correlation matrix** of memory synaptic connenctions corresponding to **Green's function** (quantum propagator) in **Feynman's version of Schrodinger equation**:

$$G(r_2, t_2; r_1, t_1) = \sum_{i=1}^P \phi^{k_i}(r_2, t_2) \phi^{k_i*}(r_1, t_1) = \sum_{i=1}^P A_{k_i}(r_2, t_2) A_{k_i}^*(r_1, t_1) e^{\frac{i}{\hbar}(\alpha_{k_i}(r_2, t_2) - \alpha_{k_i}(r_1, t_1))}$$

whose **memory attractors** could be treated as **psychosomatic states**, representing biophysical basis of **acupuncture-based & consciousness-based psychosomatics**. Further on, by considering **psychosomatic state** in generally **mixed quantum state**, described by **density matrix**:

$$\hat{\rho}_{S_{kv}}^{(k)} = \sum_i |c_{k_i}|^2 \left| \phi_v^{(k_i)} \right\rangle_{S_{kv} S_{kv}} \left\langle \phi_v^{(k_i)} \right| \equiv \sum_i p_{k_i} \left| \phi_v^{(k_i)} \right\rangle_{S_{kv} S_{kv}} \left\langle \phi_v^{(k_i)} \right|$$

von Neumann quantum entropy $S = -k \text{Tr}(\hat{\rho}_{S_{kv}}^{(k)} \ln \hat{\rho}_{S_{kv}}^{(k)})$ reduces to **Shannon classical entropy** $S = -k \sum p_{k_i} \ln p_{k_i}$ [7,9,54-56]. Hence, **entropy of pure-healthy state** of psychosomatic systemⁱ (described by single k_0 -th term in superposition, of probability $p_{k_0} = 1$) is $S_{k_0} = 0$ (as **pure quantum state** $\hat{\rho}_{S_{kv}}^{(k_0)}$ provides **maximal possible information** about quantum psychosomatic system), while **entropy of mixed-disordered state** of psychosomatic system (described by full above superposition), is $S_{\hat{\rho}} > 0$ (as **mixed stochastic state** $\hat{\rho}_{S_{kv}}^{(k)}$ provides **uncomplete information** about quantum psychosomatic system).

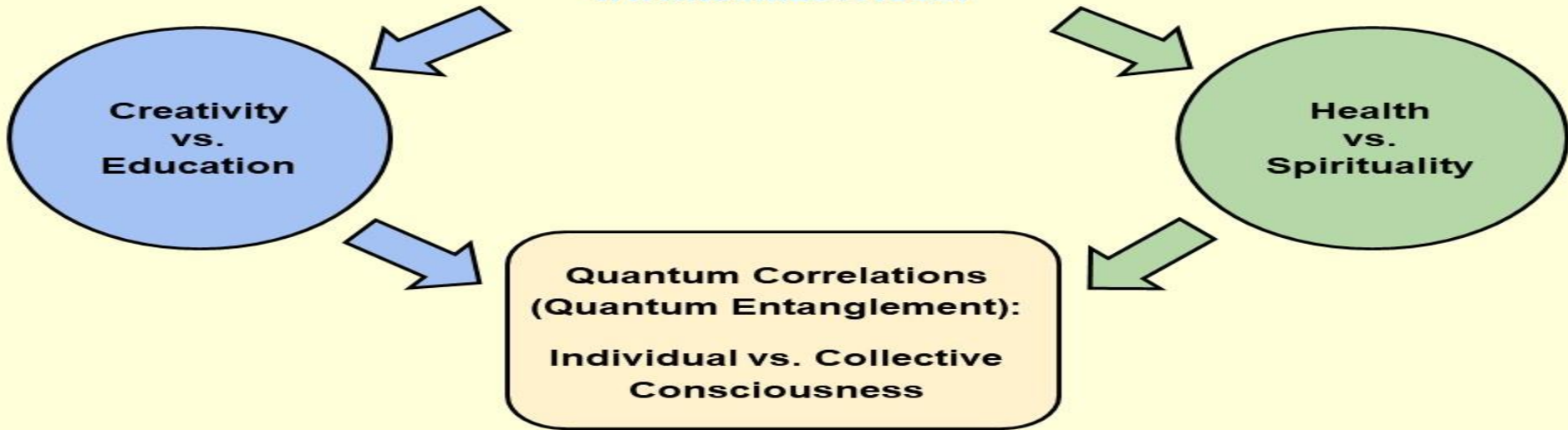
Also, our HNMQHQG theoretical framework for psychosomatics & spirituality provides better understanding of **two modes of knowledge**, according to coupling strength mind-body-environment [3,7-9,13,21-25] (cf. **Figure 2 & Note 2**): **(i) weakly-coupled quantum-entangled / quantum-coherent direct mode** (in out-of-body spiritual-creative non-stationary transitional states of consciousness / stationary altered states of consciousness, like prayer, meditation, daydreams, lucid dreams, creative insights...) & **(ii) strongly-coupled classically-reduced indirect mode** (in bodily perceptively-rationally mediated normal states of consciousness, like sensory perception, logic & scientific reasoning...) – & conditions of mutual transformation, with significant spiritual-epistemological implications.

This might explain **generally poor informational rationalization** of any direct quantum-holographic **spiritual / religious mystical experience** (as the problem of quantum theory of measurement, related to **reduction** of implicate order of quantum-entangled (quantum-holographic) superposition of states into explicate order of measuring classically-reduced states).

And can help us realize that all our **partial rationalizations** (classically-reduced mappings!) are still only **approximation of fundamental holistic reality** (quantum-holographic territory!) – & that all **divisions** are **tragic misunderstanding** of spiritually immature (historical) epoch of civilization (as map is not territory!) [8,10,12,17-20,26,27].

Tesla's Inspired Holistic Ideas

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$$|\Phi\rangle_S |\Psi\rangle_E \rightarrow \sum_i c_i |\Phi_i\rangle_S |\Psi_i\rangle_E \xrightarrow{p_j = |c_j|^2 \approx 1} |\Phi_j\rangle_S |\Psi_j\rangle_E$$

Figure 2. (a) Symbolic representation of *mentally controlled-directed increasing of macro-quantum correlations of interacting individual consciousness (S) & collective consciousness / environment (E) in transpersonally-entangling creative phases* (left-hand side of image & formula above, with previous mental increase of focused weight contribution c_j & subsequent (practically non-stochastic) classically-reduced selection of this dominant weight contribution c_j); **(b) Symbolic representation of *mentally controlled-systemic decreasing of macro-quantum correlations of interacting individual consciousness (S) & collective consciousness / environment (E) in transpersonally-disentangling spiritual phases*** (right-hand side of image & formula above), with previously systemic mental decreasing of almost all weight contributions c_i & subsequent (practically non-stochastic) classically-reduced selection of the remaining weight contribution c_j (related to mentally-embedded address on the founder of the corresponding mystical tradition).

Note 2. According to our previous proposal [7,9,33,34], **transpersonal interactions** might be interpreted by **collapse-related** consciousness-channeled quantum-gravitational tunneling of operator's individual consciousness – mentally addressed on target's content of collective consciousness / environment in operator's (short-lasting) **transitional states of consciousness** – thus **intentionally channeling state** of operator's individual consciousness, $|\Phi\rangle_S \rightarrow |\Phi_j\rangle_S$ & automatically influencing complement collective consciousness / environment output $|\Psi\rangle_E \rightarrow |\Psi_j\rangle_E$ in quantum-gravitationally-induced & consciousness-channeled collapse:

$$|\Phi\rangle_S |\Psi\rangle_E \rightarrow \sum_i c_i |\Phi_i\rangle_S |\Psi_i\rangle_E \xrightarrow{p_j = |c_j|^2 \approx 1} |\Phi_j\rangle_S |\Psi_j\rangle_E$$

The above relation might be quantum-informationally interpreted as **two-step decoherence process: (1) quantum entanglement of memory attractors** of interacting individual consciousness $|\Phi_i\rangle_S$ & collective consciousness $|\Psi_i\rangle_E$ (correlated via **(consciousness-based) resonant recognition / interaction** [16,19,20,25] of associatively-related attractors of individual & collective consciousness), and **(2) body-induced collapse** with quasi-stochastic **mentally enhanced $|c_j| \approx 1$ contribution** by focusing on corresponding j-th memory attractor in normal state of individual consciousness (with notification of gauge quantum field theory & quantum gravity correspondence (in string theory) of any quant entangled system (i.e. EPR correlated quantum pair) & corresponding connected miniature (non-traversable) wormhole) [57].

In the context of **Tesla-inspired holistic questions of creativity & education** [25], above formula might represent **mentally controlled-directed increasing of macro-quantum correlations of individual & collective consciousness in transpersonally-entangling creative phases** (with previous mental increase of focused weight contribution c_j & subsequent (practically non-stochastic) classically-reduced selection of this dominant weight contribution c_j , **Fig. 2(a)**) – while in the context of **Tesla-inspired holistic questions of psychosomatics & spirituality** [20] above formula might represent **mentally controlled-systemic decreasing of macro-quantum correlations of individual & collective consciousness in transpersonally-disentangling spiritual phases** (with previously systemic mental decreasing of all weight contributions c_i & subsequent (stochastic) classically-reduced selection of weight contribution c_j , **Fig. 2(b)**). The above formula also describes a **much more frequent, constantly fluctuating, spontaneous interaction of individual consciousness with closer environment**, making that with sensory-focused contents we have experience of reality as in normal states of consciousness [12] – with its analogy in quantum biomolecular world too [58].

On the other hand, **consensuses of mystics of same tradition** on a similar partial rationalization of mystical experiences could be understood as part of **same dominant-channeling trans-generational contextual heritage** of members of same tradition ([12,20] **because we are not born as tabula rasa**, as indicated by contemporary experiences of hypno-regressions [28-31] & experiences of different traditions as well [32]).

In this context, it should be added that necessity of **direct quantum-holographic coupling** of individual & cosmic collective consciousness in observation of implicate order **needs weak out-of-body consciousness-environment coupling**, i.e. previous reprogramming of all psychosomatic loads (**cleansing of possessive or hedonistic** emotional-mental sinful / karmic connections with world – which as **loading mental addresses** would give rise to **quantum-gravitational projections** of mentally-channelled tunnelled consciousness **upon out-of-body environment** & thus to **classically-reduced out-of-body stationary extrasensory observing of mentally-addressed environment** [7-10,12,17-20,23,33,34], **cf. Figure 2(a) & Note 2**).

Hence, **efforts of mystics** of all traditions to purify consciousness / soul via spiritual practice (prayer, meditation...) & thus to reach final eschatological goal (Kingdom of God, nirvana...), i.e. **post-mortem salvation** of soul (non-bounded sin-free / karmic-free) by re-union (re-ligare / yoga) with supreme God [32,35-37] might appear reasonable, **cf. Figure 2(b) & Note 2**.

The mentioned research is in line with **renewed interest in consciousness studies**, foreseeing **grand synthesis of two modes of knowledge** – where the **role of each person becomes indispensable** due to influence & concern of **collective mental environment**, which is fundamental issue of both spiritual & civic morality [18,19].

Thus civilization, via synthesis of scientific knowledge on consciousness & millennia experiences of spiritual traditions, could contribute that new millennium would be characterized by wisdom. All this indicates **full significance of holistic education & behavior**, suggesting necessity of **redefining global educational / informational / policy goals**, with shift towards **holistic gentle actions for solutions of the global risk society** [18-20,25].

Decisive role in this process could play all **religious communities cultivating a true spiritual moral & absolute tolerance** (not declarative, as so far in history!), as a measure of individual behavior from **perspective of death**, i.e. amount of generated & non-reprogrammed psychosomatic conflicts until death, which determines **spiritual evolution** of soul of deceased as well as **preferences** of individual & collective future of descendants – that can be **significantly altered** only via **collective prayer** for our neighbors & enemies, & consequently **global reprogramming of collective consciousness** [19,26].

3. ON TRANS-GENERATIONAL IMPLICATIONS FOR CHILD DEVELOPMENT

Michael Newton, American hypno-regression-therapist, writes about **psycho-therapeutic experiences of post-hypnotic regressions**, with systematized messages that **major life lessons & opportunities** to optimize otherwise predestined life-programs are lying in spiritual sphere of purification [28-31]. This brought me associations on **correspondence of described experiences & theoretical predictions of our HNMQHQG framework** [10]: (i) **transpersonal-spiritual tunneling as exclusive communications, without space-time barriers** (in accordance with our theoretical predictions, cf. **Note 2**); (ii) **soul transpersonally chooses pair of prospective parents, among several offered alternatives previously carefully observed with all details of future life** (indicating that life is predestined on physical level by existing boundary conditions at the level of cosmic field / collective consciousness, cf. **Note 3**), (iii) **by made choice of parents, life is not completely fixed, but can be optimized by spiritual means, e.g. repenting & forgiving to ourselves & others** (bringing new boundary conditions at the level of cosmic field / collective consciousness, cf. **Note 3**, which points to fundamental importance of spirituality as source of greatest freedom for optimizing otherwise predestined life-programs & necessity of careful control of reactions on current life-temptations in order to avoid further deepening of existing conflicts cf. **Notes 4 – 6**); (iv) **although aforementioned experiences evoke associations on reincarnation, some of reported insights suggest possibility of transmission of information of same content into several persons during overlapping life-time periods** (implying trans-generational transfer of accumulated information, giving impression of previously lived lives).

Note 3. In the context of **necessary conditions for decoherence**, described by formula in Note 2, **defining of open quantum system & its environment is simultaneous process** – so that in context of universal validity of quantum mechanics **consciousness is relative concept**, non-locally influenced by farther parts of existing observing universe (& vice versa!), simultaneously creating conditions for process of decoherence [4,59]:

$$|\Phi\rangle_S |\Psi\rangle_E \equiv |(\text{partial}) \text{ individual / collective consciousness} \rangle |(\text{complement}) \text{ environment} \rangle$$

This is in accordance with idea of **collective consciousness** as a possible **ontological property of physical field** [23,33,34], with different micro-quantum & macro-quantum (non-biological & biological, real & virtual) excitations. Then, as cosmic collective consciousness (coincident with field of Universe) has its complement particle cosmic environment, their strong-interaction-coupling affects **decoherence of field of cosmic collective consciousness** into stationary classically-reduced (observing) stochastic state, with probabilities of realizations of classically-reduced states of cosmic collective consciousness.

[However, note that **cosmic composite quantum state evolves without collapse**:

$|\Phi\rangle_S |\Psi\rangle_E \equiv |\text{cosmic field collective consciousness} \rangle |(\text{complement}) \text{ cosmic particle environment} \rangle$ (due to absence of complement outside-cosmic environment!), which implies that **Universe as a whole is quantum hologram subject to deterministic Schrödinger evolution** [12,23]. This indicates that **quantum information is fundamental physical property of Universe** [60] (embedded by quantum-holographic boundary conditions in beginning of Universe), perhaps more fundamental than particles, fields & even space-time, as briefly formulated by Wheeler's famous motto **'It from bit'** [61], motivated by quantum-theoretical viewpoint that we live in a participatory Universe. In this context, **intriguing field-mediated experiments** [62-65] indicate that **(quantum-holographic) field-encoded information is presumably critically important even on evolutionary scale** to transfer appropriate boundary quantum-information conditions necessary for explanation of **dynamics of biological evolution**, that cannot be explained on the basis of classical random laws described by probability theory [66]. On possibility of **spiritual imposing new boundary conditions** at the level of cosmic field / collective consciousness, cf. **Notes 4 – 6**.

Note 4. According to our HNMQHQG theoretical framework, it should be noted that **transpersonal communications**, with exchange of information in transitional states of consciousness, have **negative psychosomatic-spiritual effects**, as they give rise to **global trans-generational increase of psychosomatic loads** on the level of macroscopic quantum network of collective consciousness – which might represent karmic / sin engine of history.

The only phenomenon which decreases these loads is **all-forgiving prayer for ourselves & others** (relatives, enemies, decided) – **via simultaneously purifying spiritually-excited vacuum-exotic new macro-quantum portions of vital energy in prayer-related persons** (similarly to spiritually-excited & mentally-channeled Ayurvedic, Qigong, Reiki & modern experiences of local & transpersonal healing [67-75]) – as (decoherence-like) quantum-gravitational in-deterministic purifying interventions in (intrinsically-unitary) quantum-holographic evolution of collective consciousness. This leaves **most room for free will & influence on future preferences** – **making role of every person indispensable** due to influence & concern for collective mental environment!

Meditative visualization also imposes new boundary conditions, by mentally-channeled transfer of purifying spiritually-excited vacuum-exotic new macro-quantum portions of vital energy, **while not removing simulateneously other mentally-loaded addresses**. So in these situations it is necessary to practice **circular meditatively-healing visualization** from all meta-position(s) of other(s) included in existing conflict, in order to remove simulateneously mentally-loaded addresses [10].

Note 5. Based on principles of **photonic crystals & photonic bandgap guiding** (where confinement of photons in some low-index hollow-core 3D defect might be achieved by exploiting photonic bandgap reflectivity of surrounding higher-index (quasi)periodic medium!), experiments of **Sit'ko et al** [76,77] inspired our interesting proposal [16,17] to consider **low-index $n = 1$ acupuncture-channels** as **3D photonic crystal channel waveguides** of **propagated EM MW photons** (influencing backward structure & ionic conductivity of channels), **confined by surrounding higher-index (quasi)periodic cellular body medium outside channels** (of $n = 5\div 6$ in cellular cytoplasm & $n \gg 1$ in cellular membranes of metabolic depending striking polarization of volume ion density) of **non-propagated EM MW evanescent photons**.

Then, quantum-field theoretical formalism of **Umezawa et al & Del Giudice et al** suggests deeper biophysical origin of **evanescent photons in water** [64,78-80] – whose **EM field-related macro-quantum condensates** might be the basis of traditional (but scientifically poorly understood!) concepts of **vital energy / prana / qi of acupuncture system / consciousness, detectable within low-index hollow-core defect acupuncture-channels & non-detectable outside them – with vacuum-like transpersonal outside inflow of vital energy / prana / qi** [67-69].

It should be noted that such type of **deeper exotic spatial-temporal communication** (via transpersonal inflow of vital energy / prana / qi) enables **continuously-refreshing interaction** between two mentally-addressed persons & **transpersonally stabilizes quantum-entanglement** of their acupuncture systems / consciousnesses i.e. **prevents dis-entanglement** of their macroscopic quantum-entangled non-stationary states by **decoherence-like** interaction with their local somatic environments.

Note 6. In this context, **transpersonally-extended esoteric concepts** of spiritual traditions of East & West [35-37,81-83] could be biophysically accounted within our plausibly generalized **HNMQHQG theoretical framework**:

(i) astral body (manomaya, linga-sarira, manovijnana, ka, psyche, nephesh, nafs, subtle body, psychic body, soul...) **vs. ionic component of EM-ionic macro-quantum acupuncture system displaceable out-of-body** (connected with body by miniature 'wormhole' space-time tunnel, generated in highly-non-inertial transitional states of consciousness, as reported in extra-sensory near-death experiences);

(ii) mental body (vijnanamaya, suksmasarira, manas, ba, thymos, ruach, ruh, noetic body, spiritual body, mind...) **vs. EM component of EM-ionic macro-quantum acupuncture system displaceable out-of-body** (embedded within ionic component of acupuncture system);

(iii) distributed centers of consciousness (chakras, acu-points, sephiroths, holy discs...) **vs. EM-ionic condensates of EM-ionic macro-quantum acupuncture system displaceable out-of-body**;

(iv) vital energy (chi/ qi/ ki, prana/ akasha, mana, ka, pneuma/ ether/ natura medica/ anima mundi, yesod, baraka, uncreated light/ Holy Spirit, Innate Intelligence, bioenergy/ biofield...) **vs. EM-ionic-exotic condensates detectable within EM-ionic macro-quantum acupuncture energy-informational channels displaceable out-of-body & non-detectable outside them** (with possible generalization from EM field to unified field, in line with broader traditional meaning of vital energy, as all-pervasive cosmic quintessence).

Note 6 (cont). Additionally, if put in theoretical context of **holographic principle** [84], according to which any 3D physical system is **isomorphic** to holographic information embedded on its 2D surface, then **quantum-holographic informational content of a body** could also be contained in **corresponding surface layer of vital energy (aura)**, as has been stated in various traditions of East & West.

However, **several-millennia controversy about post mortem evolution of soul**, might be probably related to **interpretative epistemological level** of rationalization of transpersonal transfer of mentally-addressed loads within existing generation & further generations via network of collective consciousness [8,10,12,17-20,26,27]. But what is **ontological spiritual reality** (implicate order of quantum-holographic territory!) – could remain **permanent controversy** of all these principally limited attempts (explicate orders of classically-reduced mappings of quantum-holographic territory!) of **human rationalization** [37].

4. DISCUSSION

Hence, in the context of aforementioned **trans-generationally-predestined quantum-holographic structure of collective consciousness** (as suggested by experiences of tribal traditions & traditions of East & West), **it seems irrational not only to be angry at life program** (previously freely chosen prenatally), **but it is also irrational not to optimize it** (spiritually-accepting & forgiving ourselves & our environment) – **contributing to both our own spiritual growth & catharsis of our trans-generational mental environment** (which is fundamental question of both spiritual & civil morality)!

Also, it is hereby instructive to mention **Buddhist interpretation of karma**, which occurs **not as result of our spontaneous reaction** to current situation in life, **but as result of latter justification of our conscious reactions** in this situation [38]!

This is fully justified in the context of aforementioned **trans-generationally-predestined life programs**, because we (**non-consciously**) **react to current conflicting-encoded life-situations** (several hundred milliseconds before we become aware [39-41]!). **However, immediately afterwards we have a chance to (consciously) permanently untangle existing trans-generational conflict by penitent-all-forgiving prayer.**

This is quite fair spiritual opportunity – and up to each person is to use it or not – with accompanied either unloading or overloading trans-generational conflicts.

This might be possibly reason that **Christianity insist on repenting & forgiving** ('And forgive us our debts, as we forgive our debtors', Mt.6,12), which represents a level of **spiritual maturity of a person**. This implies an obligation of spiritually mature persons to help in reprogramming mental / emotional conflicts by praying, even when themselves being victims of conflicts ('But I say unto you, love your enemies, bless them that curse you, do good to them that hate you, and pray for them which despitefully use you, and persecute you', Mt.5,44).

It is not even allowed to see evil in fellow-men & condemn them (an old biblical commandment given to man in paradise, forbidding to take food 'of the tree of the knowledge of good and evil' – in fellow-men – 'for in the day that you eat there-of you shall die' (Gen.2,17), **whose violation has caused Adam's fall & sowed the seed of growing 'terror of history'**), insisting only on **personal repenting & forgiving, as only way in permanent reprogramming of psychic conflicts**.

Bearing in mind the role of a mentally burdensome contents in **post-mortem spiritual evolution of soul** (let us mention transpersonal collective levels of consciousness of **Bardo levels** in Tibetan tradition [42] or **aerial toll house** in Christian tradition [43]) – this implies ability **to influence spiritual evolution & trans-generational preferences for individual & collective future offspring** – with possibility of **even retroactive-nonlocal experiments with prayer** [44] (bearing resemblance to quantum delayed choice experiments [45-47] & pointing additionally to quantum roots of consciousness!).

Also we mention **some tribal traditions** where initiated shamans ritually enter altered states of consciousness & receive answers to health problems of members of tribe & apply healing methods based on reprogramming loads on the level of tribe's collective consciousness (in **South America Ayahuaska tradition** [48] & **Nigerian Abiku tradition** [49], with fascinating **spiritual diagnosis & subsequent extension of predestined-short-life programs**; or like in **Hawaiian Ho'oponopono tradition** [50], based on participatory concept of taking full responsibility for any circumstance in which we find ourselves & repenting & forgiving ourselves in the context of disturbing life situations, with fascinating **successes in reprogramming ourselves & our environment**). [In this context I mention incredible experience of my cousin Milica, with (epi) genetically conditioned high-risk pregnancy of very low level of amniotic fluid, normalized in few days of ho'oponopono prayer practices, with subsequent normal delivery.]

We also mention **fascinating world bestseller confession of Anita Moorjani** [51], **in which she decided to change her previous life program & continue to live** (forgiving herself & her grieving husband) – with return from clinical death & spontaneous healing of terminal phase of cancer after few weeks. This greatly contributes to understanding that **even most difficult psychosomatic illness have their roots in energy-information blockages & that healing begins by removing them – accepting & forgiving ourselves & others** (e.g. by spiritually dis-entangling / un-binding repentant-forgiving prayer [7-9,52]).

[See [http://www.dejanrakovicfund.org/ 2012_DRF_Stress_&_Anti_Stress.pdf](http://www.dejanrakovicfund.org/2012_DRF_Stress_&_Anti_Stress.pdf) with more details on recommended holistic anti-stress approaches & techniques]!

5. CONCLUSIONS

*The outlined quantum-informational theoretical framework for psychosomatics & spirituality might have significant holistic implications, based on three front lines: (i) collective consciousness, (ii) acupuncture system / individual consciousness, & (iii) somatic level. This implies necessity to focus on **origins & treatments of many problems in child development** on underlying **trans-generational** levels of collective consciousness, as confirmed by experiences of clients in post-hypnotic regressions too.*

*Everything considered might be of fundamental importance in understanding quantum-informational acupuncture system's / (individual & collective) consciousness's **EM field-related biofeedback control mechanisms** of embryogenesis / ontogenesis & morphogenesis via (epi) genetic **downward influence** on expression of genes – shedding new light on **long standing open problems** of nature & role of acupuncture system & (individual & collective) consciousness too.*

*All this might provide better understanding of **nature of stress-induced psychosomatic diseases** as well as **limitations & methods of their prevention & healing**, which might help in **developing strategies for integrative psychosomatic medicine in 21st century**. And might be inspiring for **wider applications of transpersonal holistic approaches & techniques in improvement** of development of children & their psycholinguistic functions, & of psychosomatic-cognitive status of adults as well.*

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