All our partial rationalizations are still only approximations of fundamentally-holistic reality, and that all divisions that separate us harmlessly at first & then, spontaneously give birth to big conflicts, are tragic misunderstanding of spiritually immature (historical) epoch of civilization

Dejan Rakovic

CHAPTER 7

ON QUANTUM-HOLOGRAPHIC AND TRANS-GENERATIONAL IMPLICATIONS FOR CHILD DEVELOPEMENT

Dejan Raković

The already developed quantum-informational framework of psychosomatics [1] seems to provide theoretically fundamental understanding of the nature of psychosomatic diseases as well as limitations of their prevention and healing methods, by imposing new healing boundary conditions in the energy-state space of the EM quantum-field-related acupuncture system / (individual and 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 the necessary activities in the second and third levels, with neglect of the first level, would result in further transfer of memory attractors on the level of individual and collective consciousness in this and future generations. This suggests necessity to focus on origins of many problems in child development on underlying prenatal trans-generational levels, and might be inspiring for wider applications of transpersonal holistic approaches and techniques in improvement of child development.

Introduction

In the conclusions of the First International Congress on Psychological Trauma: Prenatal, Perinatal and Postnatal aspects (PTPPPA 2015) the following messages were outlined [2]:

- (i) For understanding development of human consciousness, communication, behaviour and 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 and interactions with closer and wider environment;
- (ii) If in considering development of communication and 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 and behaviour, and even less of the others;
- (iii) **Experts** who deal with child development, upbringing and education, **should complement their knowledge with the art of composing and interpreting genealogic tree** (somatic, psychological, spiritual), thus gaining holistic insight into the complete development of a person from the moment of conception, and being adequately prepared to support young generations properly.

This chapter is fully in line with these conclusions. On the one hand, it provides theoretically fundamental understanding of our quantum-holographic / quantum-gravitational theoretical framework for psychosomatics and spirituality (cf. Section 2). On the other hand, it might have significant quantum-holographic / quantum-gravitational implications for child development, including prenatal trans-generational aspects (cf. Section 3).

On Quantum-Holographic Framework for Psychosomatics & Spirituality

Our prevously developped generalized Hopfield-like neural macroscopic quantum-holographic / quantum-gravitational (HNMQHQG) theoretical framework for psyshosomatics and spirituality provides better fundamental understanding of the nature of psychosomatic diseases as well as limitations of their prevention and healing methods, which might help in developing strategies for psychosomatic integrative medicine in the 21st century, with all holistic acupuncture-based and consciousness-based approaches and techniques treated as quantum-informational therapies, by imposing new healing boundary conditions in the energy-state space of the electromagnetic (EM) quantum-field-related acupuncture system / (individual and collective) consciousness – suggesting that three front lines of psychosomatic integrative medicine [1, 3 - 7]:

- (i) spirituality & circular (psycho / energy) therapies from all relevant meta-positions, with the possibility of a potential permanent removal of mutual memory attractors on the level of collective consciousness,
- (ii) (quantum) holistic medicine and non-circular (psycho / energy) therapies, which temporarily remove the memory attractors on the level of acupuncture system / individual consciousness and prevent or alleviate their somatization, as a result of negligence on the first level, and
- (iii) **symptomatic conventional medicine,** which via immunology, pharmacology, biomedical diagnostics and surgery on the somatic level **prevents or alleviates consequences of carelessness on the first two levels.**

It should be noted that the necessary activities in the second and third levels, with neglect of the first level, would result in further transfer of memory attractors on the level of individual and collective consciousness in this and 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.

In this context, it should be also added that **psychosomatic healthy state is the state of the minimal entropy** while **psychosomatic disordered state is the state of the increased entropy** – and application of some **psychosomatic therapy** naturally **decreases entropy** (*degradation*) i.e. **increases information** (organization) of the (open) psychosomatic system [8 - 10]. (1) Then, in the context of holistic acupuncture-based and consciousness-

(1) As Peruš [11] showed that any quantum system has formal mathematical structure of quantum-holographic Hopfield-like neural network (within the Feynman propagator version of quantum mechanics; see also [1, 5] – then it follows that manifestly macroscopic quantum-like acupuncture system (with highly resonant microwave sensory response of the disordered organism, biologically effective non-thermal microwave radiation of extremely low intensity and energy, and neglecting microwave energy losses down acupuncture meridians) and consciousness (with in-deterministic properties of free will, non-local properties of consciousness pervading body, and altered and transitional states of consciousness) – have fundamental (not model-dependent!) informational structure of quantum-holographic Hopfield-like neural network [1, 4 - 6, 12], 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 ϕ^{k_i} could be treated as psychosomatic states, representing biophysical basis of acupuncture-based and consciousness-based quantum-holistic local psychosomatics. Further on, by considering **psychosomatic state** in generally mixed quantum state of density matrix:

$$\widehat{\rho}_{S} = \sum_{i} \left| c_{k_{i}} \right|^{2} \left| \phi^{k_{i}} \right\rangle_{S} \left\langle \phi^{k_{i}} \right| \equiv \sum_{i} p_{k_{i}} \left| \phi^{k_{i}} \right\rangle_{S} \left\langle \phi^{k_{i}} \right|$$

(where p_{k_i} are probabilities of realization of the k_i -th quantum state), then von Neumann's quantum-mechanical entropy $S = -kTr(\hat{\rho}_S \ln \hat{\rho}_S)$ is reduced to classical Shannon's entropy $S = -k\sum_i p_{k_i} \ln p_{k_i}$ [1, 5, 28 - 30].

So, within our HNMQHQG theoretical framework, **entropy** of pure-healthy state of the psychosomatic system (described by the single ko-th term in the superposition, of probability $p_{k_0} = 1$), would be $S_{k_0} = 0$ (as pure quantum state $\hat{\rho}_{S_{k_0}}^{(k_0)}$ provides maximal possible information

based approaches and techniques [1, 6, 7, 13, 14], their goal would be (external) bioresonant excitation of the target palpatory-painful / psychologically-traumatic attractors of the (open) acupuncture system / (individual) consciousness. This enables disordered initial attractors to be one-by-one bioresonantly excited (similar to annealing procedure in artificial neural networks [15]), thus becoming shallower and wider on the account of deepening of (energy-dominating) attractor of the healthy quantum state (acupuncture palpatory painless or psychologically non-traumatic).

However, when this process is hindered by transpersonal entangled blockages in the energy-state space of EM field of the (open) acupuncture system / (individual and collective) consciousness – then memory attractors of quantum-holographic network of the EM field-related collective consciousness should be removed as well, to disentangle energy-informationally all mental addresses included in the problem with final goal to achieve permanent healing i.e. spiritual integration of personality [1, 6, 8, 10, 14, 16 - 20]. This purified information of the healthy quantum state is then altogether quantum-holographically projected on lower quantum-holographic cellular levels, thus changing expression of genes in morphogenesis (so called *downward causation*!).

Also, our HNMQHQG theoretical framework for psyshosomatics and spirituality provides better understanding of the **two modes of knowledge**, according to the coupling strength mind-body-environment [1, 5, 8, 10, 13, 17 - 26]:

- (i) weakly-coupled quantum-entangled / quantum-coherent direct mode (in the out-of-body spiritual-creative non-stationary transitional states of consciousness / stationary altered states of consciousness, like prayer, meditation, daydreams, lucid dreams, creative insights...) and
- (ii) **strongly-coupled classically-reduced indirect mode** (in **bodily** perceptively-rationally mediated **normal states of consciousness**, like sensory perception, logic and scientific reasoning...) and **conditions of mutual transformation**, with significant spiritual-epistemological implications.

This explains the **generally poor informational rationalization** of any direct quantum-holographic spiritual / religious **mystical experience** (as the problem of quantum theory of measurement, related to the reduction of the implicate order of the quantum-entangled (quantum-holographic) superposition of states into the explicate order of measuring classically-reduced states). And can help us realize that all our **partial rationalizations** (classically-reduced mappings!) are still only an approximation of **fundamental holistic reality** (quantum-holographic territory!) – and that all **divisions are tragic misunderstanding** of spiritually immature (historical) epoch of civilization (*as map is not the territory!*) [8, 10, 12, 17 - 21, 27].

On the other hand, the consensuses of the mystics of the same tradition on a similar partial rationalization of mystical experiences could be understood as part of the same dominant-channeling trans-generational contextual heritage of members of the same tradition [10, 20], because we are not born as so-called *tabula* rasa, as being indicated by contemporary experiences of hypno-regressions [25 - 28] and experiences of different traditions as well [29]).

In this context, it should be also added that **necessity of direct quantum-holographic coupling of individual and cosmic collective consciousness** in an observation of the implicate order might need **weak out-of-body quantum-communication consciousness-environment coupling**, i.e. previous **reprogramming of all psychosomatic loads** (cleansing of the possessive or hedonistic emotional-mental sinful / karmic connections with world — which as loading **mental addresses** would give rise to **quantum-gravitational projections** of the mentally-channelled tunnelled consciousness upon the **out-of-body environment**, and thus to classically-reduced **out-of-body stationary extrasensory observing** of the mentally-addressed environment [1, 5, 8, 10, 17 - 20, 23, 30, 31]). (2),(3),(4),(5)

about the quantum psychosomatic system), while entropy of mixed-disordered state of the psychosomatic system (described by the full above superposition), would be $S_{\hat{\rho}} > 0$ (as mixed stochastic state $\hat{\rho}_{S_{lv}}^{(k)}$ provides uncomplete information about the quantum psychosomatic system).

⁽²⁾ According to our previous proposals [1, 5, 30, 31], transpersonal interactions might be interpreted by **collapse-related consciousness**-channeled quantum-gravitational tunneling of operator's individual consciousness – mentally addressed on the target's content of the **collective consciousness** / environment in operator's transitional states of consciousness (short lasting and therefore not easily

reproducible [32]!) – thus intentionally channeling state of operator's individual consciousness, and automatically influencing the complement collective consciousness / environment output in quantum-gravitationally-induced and consciousness-channeled decoherence (quantum collapse):

$$\left|\Phi\right\rangle_{S}\left|\Psi\right\rangle_{E} \rightarrow \sum_{i} c_{i}\left|\Phi_{i}\right\rangle_{S}\left|\Psi_{i}\right\rangle_{E} \xrightarrow{p_{j} = \left|c_{j}\right|^{2} \times 1} \left|\Phi_{j}\right\rangle_{S}\left|\Psi_{j}\right\rangle_{E}$$

Alternatively, this might be interpreted as quantum entanglement between memory attractors of individual consciousness $|\Phi_i\rangle_s$ and collective consciousness $|\Psi_i\rangle_E$ (correlated via consciousness-based resonant recognition / interaction [10, 15, 20, 23], of associativelyrelated attractors of individual and collective consciousness) - followed by body-induced collapse-related stochastic process (with previously mentally enhanced $|c_j| \approx 1$ contribution, by focusing on corresponding j-th memory attractor $|\Phi_j\rangle_S$ in normal state of individual consciousness). On this line, the gauge quantum field theory and quantum gravity correspondence (within string theory) of any quantum entangled system (i.e. Einstein-Podolsky-Rosen correlated quantum pair) and corresponding connected miniature (nontraversable) wormhole (i.e. quantum-gravitational Einstein-Rosen bridge) should be pointed out [33]. On its possible traversability in cosmological conditions see [34], and in transpersonal conditions see [1, 4 - 7, 10, 20, 23, 30, 35]. In the context of Tesla-inspired holistic questions of creativity and education [23], the above formula might represent mentally controlled-directed increasing of macro-quantum correlations of individual and collective consciousness in transpersonally-entangling creative phases (with previous mental increase of the focused weight contribution ci and subsequent (practically non-stochastic) classically-reduced selection of this dominant weight contribution c_i) – while in the context of **Tesla-inspired holistic questions of psychosomatics and spirituality** [20] the above formula might represent mentally controlled-systemic decreasing of macro-quantum correlations of individual and collective consciousness in transpersonallydisentangling spiritual phases (with previously systemic mental decreasing of all weight contributions c_i and subsequent (stochastic) classically-reduced selection of the weight contribution c_i)! [Note that the above formula also describes a much more frequent, constantly fluctuating, spontaneous interaction of individual consciousness with a closer environment, making that with sensory-focused contents we have the experience of reality as in normal states of consciousness [10]! This continuous fluctuation has its analogy in the quantum biomolecular world, between continuously fluctuating non-complementary |states of biomolecular energy | s and |states of biomolecular conformation \rangle_{S} (and entangling |(complement) states of biomolecular environment \rangle_{E}) [36]!]

(3) It should be pointed out, that in the context of **necessary conditions for decoherence** described by the formula in the footnote above, defining of open quantum system and its environment is — **simultaneous process** — so that in the context of universal validity of quantum mechanics **consciousness is relative concept**, non-locally also influenced by farther parts of existing observing universe (and **vice versa!**), simultaneously creating conditions for the process of decoherence in the context of **existing relative borderline** [4, 37]:

$$|\Phi\rangle_{S}|\Psi\rangle_{E} \equiv /(partial) \ individual / \ collective \ consciousness \rangle_{S} /(complement) \ environment \rangle_{E}$$
.

This is fully in accordance with the idea of collective consciousness as a possible **ontological property of the physical field itself** [1, 4 - 6, 8, 10, 12, 16 - 21, 23, 25, 30, 31], with different micro-quantum and macro-quantum (both non-biological and biological, real and virtual) excitations. Then, **as cosmic collective consciousness** (coincident with the **field of Universe**) has its **complement particle cosmic environment**, their strong-interaction-coupling affects **decoherence of the field of cosmic collective consciousness** into stationary **classically-reduced (observing) stochastic state**, with probabilities of realizations of corresponding classically-reduced states of cosmic collective consciousness. [However, note that the **cosmic composite quantum state**:

$$|\Phi\rangle_{S}|\Psi\rangle_{E} \equiv |cosmic field collective consciousness\rangle_{S}|(complement)|cosmic particle environment\rangle_{E}$$

evolves without collapse (due to absence of the complement outside-cosmic environment!), which implies that Universe as a whole is presumably quantum hologram subject to deterministic Schrödinger evolution (in the context of universal validity of quantum mechanics) [10, 24]! This indicates that the quantum information (embedded by quantum-holographic boundary conditions in the very beginning of the Universe) is fundamental physical property of the Universe (and perhaps even more fundamental than particles, fields, and even the spacetime, as briefly formulated by Wheeler's famous motto 'It from bit', motivated by quantum-theoretical viewpoint that we live in a participatory Universe [38 - 40]. In this context, the intriguing field-mediated experiments [41 - 44], indicate that the (quantum-holographic) field-encoded information is presumably critically important even on the evolutionary scale to transfer appropriate boundary quantum-information conditions necessary for an explanation of the current dynamics of biological evolution, that cannot be explained on the basis of classical random laws described by the probability theory, as simply argued by [45]. On possibility of spiritual imposing new boundary conditions at the level of cosmic field / collective consciousness see the next footnote!]

(4) It should be noted that spontaneous transpersonal communications, with exchange of information in transitional states of consciousness, have negative psychosomatic-spiritual effects, as they neccessary give rise to global trans-generational increase of psychosomatic loads on the level of macroscopic quantum space-time network of collective consciousness — which might represent the karmic / sin engine of history. The only phenomenon which decreases these loads is all-forgiving prayer to ourselves and others (relatives, enemies, decised) — probably via simultaneously purifying spiritually-excited vacuum-exotic new macro-quantum portions of vital energy (similarly to spiritually-excited and mentally-channeled Ayurvedic, Qigong, Reiki and modern experiences of local and transpersonal healing [46 - 54]) in prayer-related persons — 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 and influence on future preferences – making the role of every person indispensable due to influence and concern for collective mental environment! As there is no out-of-cosmic environment that triggers the non-unitary entanglement of the quantum-entangled state of the field-related cosmic collective consciousness and complementary particle cosmic environment – the

Hence, the efforts of mystics of all traditions to **purify consciousness** / **soul via spiritual practice** (prayer, meditation...) and thus to reach their **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 the **supreme God** [29, 57 – 59], might appear reasonable! [But it still would leave room for **personal love**, whose highest manifestation is ability and readiness for **permanent and unconditioned forgiving** (to loving person, and because of him / her to everybody else, including enemies!), in spiritual prayer and (subtly related quantum-holographic) living practice; the same refers to love for relatives and friends.]

The mentioned research is on the line of renewed interest in **consciousness studies**, with the indication of the **great synthesis of two modes of knowledge** – where the **role of each person becomes indispensable** due to the influence and concern of the **collective mental environment**, which is a **fundamental issue** of both spiritual and civic morality.

above proposed mechanism of prayer imposes (intrinsically, non-unitary!) necessary boundary conditions without mutually mentally-loaded addresses. Hence it can be really said that all-forgiving prayer represents biophysical basis for optimization of (quantum) holistic global psychosomatics of collective consciousness (and complementary incoming individual and collective events) [1, 4 - 6, 8, 10, 12, 16 - 21, 30, 31]!

It should be added that aforementioned Ayurvedic, Qigong, Reiki, and modern experiences of local and transpersonal healings imply that meditative visualization (intrinsically, non-unitary!) also imposes new (decoherence-like) quantum-gravitational boundary conditions, by mentally-channeled transfer of purifying spiritually-excited vacuum-exotic new macro-quantum portions of vital energy. But contrary to prayer, meditation balanses only practiotioner himself while not removing simulateneously other mentally-loaded addresses (thus in these situations it is necessary to practice circular meditatively-healing visualization from meta-position(s) of the other(s) included in the existing conflict, in order to remove simulateneously mentally-loaded addresses). So, in the context of our quantum-holographic / quantumgravitational theoretical framework, spiritual prayer / meditation practices are non-unitary source of free will at the level of collective consciousness, while non-spiritual behaviour maintains the trans-generationally-programed unitary evolution of collective consciousness - which evolutionary greatly increases spiritual responsibility of each person and the entire human race! [It should also be noted that transpersonal vacuum-exotic aspect of energy-informational channels of vital energy (i.e. their connection with exotic vacuum quantum fluctuations, necessary for anti-gravitational stabilization of these spatial-temporal miniature wormhole channels (see Footnote 2 and [1, 4 - 6, 8, 10, 12, 17 - 19, 21, 30, 31, 35]!) might be extended to energy-informational acupuncture channels [16], of peculiar vacuum-like n=1refraction index [55, 56], with vacuum-like outside inflow of vital energy / prana / qi [46 - 48] – implying that such type of deeper exotic spatial-temporal communication enables continuously-refreshing interaction between the two mentally-addressed persons and transpersonally stabilizes quantum-entanglement of their acupuncture systems / consciousnesses i.e. prevents dis-entanglement of their macroscopic quantumentangled non-stationary states by **decoherence-like** interaction with their local somatic environments!]

(5) It should also be added that transpersonally-extended esoteric concepts of various spiritual traditions of East and West [57 - 62], could be biophysically accounted within our plausibly generalized HNMQHQG theoretical framework [1, 4 - 6, 8, 10, 13, 17 - 19, 21, 24, 25, 30, 31, 63]:

- (i) astral body (manomaya, lingasarira, manovijnana, ka, psyche, nephesh, nafs, subtle body, psychic body, soul...) vs. ionic component of the out-of-body displaceable EM-ionic-exotic macro-quantum acupuncture system (connected with the body by miniature wormhole space-time tunnel, generated and stabilized in highly-noninertial transitional states of consciousness, as frequently observed in extrasensory near-death experiences);
- (ii) mental body (vijnanamaya, suksmasarira, manas, ba, thymos, ruach, ruh, noetic body, spiritual body, mind...) vs. EM component of the out-of-body displaceable EM-ionic-exotic macro-quantum acupuncture system (embedded within ionic component of the out-of-body displaceable EM-ionic-exotic macro-quantum acupuncture system);
- (iii) distributed centers of consciousness (chakras, acupuncture points, sephiroths, holy discs...) vs. EM-ionic condensations in the structured out-of-body displaceable EM-ionic-exotic macro-quantum acupuncture system;
- (iv) vital energy (chi/qi/ki, prana/akasha, mana, ka, pneuma/ether/natura medica/anima mundi, yesod, baraka, the Holy Spirit/Uncreated Light, bioenergy/biofield...) vs. EM-ionic-exotic macro-quantum condensates (unstructured/structured, virtual/real) within acupuncture channels (with possible generalization from the EM field to the unified field, in line with the broader traditional meaning of vital energy, as all-pervasive cosmic quintessence).

Additionally, if put in the **theoretical context of the holographic principle** [64], according to which any 3D physical system is isomorphic to the 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 and West. [On the other hand, bearing in mind the **generally poor informational rationalization** of any direct quantum-holographic spiritual / religious mystical experience, it can help us understand that all our **partial rationalizations** (with different personalized pantheons) are only approximations of **fundamentally-holistic reality** [58, 65 - 67]. In this context, **several-millennia controversy about post mortem evolution of the soul**, might be probably related to an **interpretative epistemological level** of rationalization of transpersonal transfer of mentally-addressed loads within the existing generation and further generations via network of collective consciousness, with possibility that particular strong conflicts transfered as **ego-states** leave a strong impression of previously lived lives [1, 5, 18].

But what is the **ontological spiritual reality** (implicate order of the very quantum-holographic territory!) – could remain **permanent controversy** of all these principally limited attempts (explicate orders of classically-reduced mappings of the quantum-holographic territory!) of **human rationalization** [58]!]

Thus civilization, via **synthesis** of scientific knowledge in the field of **consciousness** and millennia experiences of the **spiritual traditions**, could contribute that new millennium would be characterized by **wisdom**. All this indicates the **full significance of holistic education and behavior**, suggesting necessity of **redefining** the global educational / informational / policy goals, with the shift towards **holistic gentle actions for solutions of the global risk society**. Decisive role in this process could play all **religious communities**, **cultivating** a true **spiritual moral** and absolute (not declarative, as so far in history!) inter-personal, inter-ethnic and inter-religious *tolerance*, as a measure of individual behavior from the **perspective of death**, i.e. amount of generated and non-reprogrammed psychosomatic conflicts until death, which determines the **spiritual evolution** of the soul of the deceased as well as the **preferences** of the individual and / or collective future of the descendants – that can be **significantly altered** only via **collective prayer** for our neighbors and enemies, and consequently **global reprogramming of collective consciousness.**

On Trans-Generational Implications for Child Development

Michael Newton, a famous American transpersonal hypno-regression-therapist, in his books talks about a number of psychotherapeutic experiences of post-hypnotic regressions, with systematized messages of his clients that our major life lessons and opportunities to optimize the otherwise predestined life-programs are lying in spiritual sphere of purification [25 - 28]. Reading of Newton's books brought me a special pleasure, because of the many important **associations and implications** on correspondence of the **described experiences** and **theoretical predictions** of our HNMOHOG framework, cf. [8]:

- (i) transpersonal-spiritual tunneling as exclusive communications, without space-time barriers (in accordance with our theoretical predictions);
- (ii) soul transpersonally chooses a pair of prospective parents, among several offered alternatives previously carefully observed with all the details of a future life (indicating that life is predestined on the physical level by existing boundary conditions at the level of cosmic field / collective consciousness);
- (iii) by made choice of the parents, life is not completely fixed, but can be optimized by spiritual means, repenting and forgiving to ourselves and others (bringing new boundary conditions at the level of cosmic field / collective consciousness, which points to the fundamental importance of spirituality as a source of the greatest freedom for optimizing otherwise predestined life-programs, and necessity of careful control of the reactions on current life-temptations in order to avoid further deepening of the existing conflicts);
- (iv) although the aforementioned experiences evoke strong associations on reincarnation, some of the reported insights suggest the possibility of transmission of information of the same content into several persons during their overlapping lifetime periods (implying a trans-generational transfer of accumulated information, with experiences that transferred contents leave a strong impression of the previously lived lives).

So, in the context of the aforementioned **trans-generationally-predestined quantum-holographic structure of collective consciousness** (as suggested by the experiences of tribal traditions, and traditions of the East and the 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 and forgiving ouselves and our environment) – **contributing to both our own spiritual growth and catharsis of our trans-generational mental environment** (which is fundamental question of both mental hygiene and civil decency i.e. both spiritual and civil morality)!

Also, it is hereby instructive to mention Buddhist interpretation of **karma**, which occurs not as a **result of our spontaneous reaction** to the current situation in life, but as a result of the **latter justification of our conscious reactions against the others** in this situation [68]! In the context of the above mentioned **quantum-holographic predestined life programs**, this is fully justified because we all **(non-consciously) react to current conflicting-encoded life-situations** (several hundred milliseconds before we become aware [69 - 71]!, but immediately afterwards we have a chance to **(consciously) permanently untangle the existing trans-generational conflict by penitent-all-forgiving prayer**. This is **quite fair spiritual opportunity** – **and up to each person is either to use it or not** – with accompanied either unloading or overloading trans-generational conflicts!

That might be possibly the reason for **Christianity** to insist on **repenting and 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 the 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 and condemn them (an old biblical commandment given to the 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 the Adam's fall, and sowed the seed of the growing 'terror of history'), insisting only on personal repenting and forgiving, as the only way in permanent reprogramming of psychic conflicts. Anything else would enhance the existing mental / emotional personal loads and enlarge evil in the world, dismissing an individual and humankind from the final spiritual ideal of sinless state of consciousness!

Bearing in mind the role of a mentally burdensome contents in the **post-mortem spiritual evolution of the soul** of the dying (let us mention transpersonal collective levels of consciousness of **Bardo levels** in Tibetan tradition [72] or **aerial toll house** in Christian tradition [73]) – this implies the importance of prayers for the soul of the deceased with ability not only to **influence its spiritual evolution**, but **also trans-generational preferences for individual and / or collective future offspring** (with possibility of even **retroactive-nonlocal trans-generational dis-entangling / un-binding of mental / emotional conflicts**, as suggested by **experiments with prayer** [74] – bearing resemblance to quantum delayed choice experiments [38, 75, 76], and pointing additionally to quantum roots of consciousness)!

We also mention some tribal traditions where initiated shamans ritually enter the altered states of consciousness and receive answers to the health problems of members of their tribe, and apply their healing methods based on reprogramming the loads on the level of tribe's collective consciousness (like in South America Ayahuaska tradition [79], or Nigerian Abiku tradition [80], with fascinating spiritual diagnosis and subsequent extension of the predestined-short-life programs; or like in Hawaiian Ho'oponopono tradition [81], based on the participatory concept of taking full responsibility for any circumstance in which we find ourselves and repenting and forgiving ourselves in the context of disturbing life situations, with fascinating successes in reprogramming ourselves and our environment). [In this context, I have to mention an incredible experience of my cousin Milica, with (epi)genetically conditioned high-risk pregnancy of very low level of amniotic fluid, normalized in just a few days of ho'oponopono prayer practices, with subsequent normal delivery!]

On the same line, it is worth mentioning the **fascinating world bestseller confession** of Anita Moorjani [82] on **spiritual changing her life program**, in which she decided to change her previous life program (and thus forgive herself and her grieving husband) and to continue to live — with return from clinical death and after a few weeks even **spontaneous healing of terminal phase of cancer**; this greatly contributes to our understanding that even **most difficult psychosomatic illness**, like cancer, **have their roots in the energy-information blockages and that healing begins by removing them** — first lovingly to ourselves, accepting ourselves and forgiving ourselves, which is then manifested by love to others and acceptance of others (e.g. by spiritually dis-entangling / un-binding repentant-forgiving prayer [1, 5, 21, 83]! See also [63] with more details on recommended holistic anti-stress approaches and techniques!

Conclusion

The outlined quantum-informational theoretical framework for psychosomatics and spirituality might have significant holistic implications, based on three front lines:

- (i) collective consciousness,
- (ii) acupuncture system / individual consciousness, and
- (iii) somatic level.

This implies necessity to focus on origins and treatments of many problems in child development on underlying prenatal 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 underlying quantum-informational acupuncture system / (individual and collective) consciousness **EM field-related biofeedback control mechanisms** of embryogenesis / ontogenesis and morphogenesis **via downward influence on the**

expression of genes – shedding new light on the **long standing open problems of the nature and role** of acupuncture system and (individual and collective) consciousness as well.

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

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Author's site

http://www.dejanrakovicfund.org; Official website of Dejan Raković Fund (DRF) for Promoting Holistic Research and Ecology of Consciousness, with available relevant author's books, proceedings, papers, communications, and links to recommended websites.

Also

http://www.atpweb.org; Official website of The Association for Transpersonal Psychology (ATP), founded by the beginning of 1970s, and considered by A. Maslow as the fourth force in psychology, alongside with psychoanalysis, behaviorism, and humanistic psychology.

Acknowledgements

This chapter was partly financed by the Serbian Ministry of Education, Science, and Technological Development, Project No. 178027. It is reprinted by kind permission from the Proc. Speech and Language: Fundamental and Applied Aspects of Speech and Language, M.Sovili, M.Subotić (eds.), LAAC & IEPSP, Belgrade, 2017.