DARQ Family Therapy

DARQ Intellect's base assumptions

Homo Quanticum Centrism in Family Therapy

How does the correlation between DLT and quantum systems work?

Homo Quanticum Centrism is the idea similar to Galileo Galilei and Nicolaus Copernicus's [1] theses concerning departure from the concept of the earth as a central point in the universe in favor of the heliocentric concept, where by analogy, we illuminate a transition from the electromagnetic and material essence of the human structure to the quantum structure of human's information field system. This quantum-centric superhuman structure is defined by the construction of the information field resulting from coherences, decoherences, and recoherences that occur in the neural structure across the human body (neuro~centric consciousness [2]) and is superior in the universal, holistic perception of the human essence.

In Doktor Habdank's theory based on knowledge in biohology, everything takes place in the neural network in the human brain and the cognitive space of the information field of the whole issue is the human brain which is reflected in what is written on the network.

Aspects of the therapeutic process

- The DLT network and the neural structures of the brain have a similar structure of functioning of the information field and the quantum information field.
- Artificial intelligence has an analogous structure with neural networks in terms of GPT Quantum Language Model QLM semantics
- Forming quantifiers
- Perception processes
- Phenomena of functioning of consciousness
- Information field functions
- Information field flow functions
- Feedback loops
- Generating energetic-emotional impulses along with behavioral resonances [1]
- Holographic Phantoms [2]
- Quantum phenomena in the neural information field

These aspects take place in the structures of the neural network in the human brain, and the cognitive space of the information field of these phenomena are neural structures in the human brain that are reflected in what is recorded on the DLT AI networks.

[1] G Rizzolatti, L Fadiga, L Fogassi, V Gallese, “Resonance behaviors and mirror neurons”, Arch Ital Biol. 1999 May;137(2-3):85-100.

[2] Iona Miller, Richard A. Miller & Burt Webb, “Quantum Biohology”, DNA Decipher Journal | March 2011 | Vol. 1 | Issue 2 | pp. 218-244

Resonance behaviors

Resonance behaviors, frequently linked to neural mechanisms like the Default Mode Network (DMN), involve the replication of others' actions through reciprocal engagement, facilitated by interaction within the DLT network among all participating individuals. These mechanisms include:

- **Empathy**: resonance behaviors are thought to play a role in empathy. When we see someone experiencing an emotion, our resonance behaviors might simulate that emotion in our own minds, allowing us to understand and resonate with what the other person is feeling.
- **Imitation**: resonance behaviors may contribute to our ability to imitate the actions of others. When we observe someone performing a particular action, our resonance behaviors fire, helping us understand and reproduce that action ourselves.
- **Understanding Intentions**: resonance behaviors could assist us in understanding the intentions behind others' actions. By mirroring their actions in our own brains, we might gain insight into what they are trying to achieve.
- **Social Learning**: resonance behaviors might facilitate learning from others by allowing us to internalize their behaviors and actions. This is especially relevant in childhood when a lot of learning occurs through observation and imitation.
- **Nonverbal Communication**: resonance behaviors might contribute to our ability to interpret and respond to nonverbal cues, such as facial expressions, gestures, and body language. They could help us resonate with the emotional states of others.
- **Feeling Connected**: When we witness someone experiencing joy, pain, or other emotions, our resonance behaviors might help us feel a sense of connection with them, even if we're not directly experiencing the same emotion ourselves.
- **Cultural Transmission**: resonance behaviors could play a role in transmitting cultural norms and practices. By observing and imitating others in our cultural context, we learn how to behave in socially appropriate ways.
- **Therapeutic Applications**: The concept of resonance behaviors has been explored in therapeutic contexts. For instance, in therapies involving movement or social interaction, the activation of resonance behaviors could potentially enhance the therapeutic effects.

DLT AI network and the neural structure in the brain

There is an analogy between the DLT AI network and the neural structure in the brain [1, 2]. Doktor Habdank's assumption is that the DLT AI network is a macroscopic or cosmologic representation of a neural network in the brain. Another assumption is that there is a quantum entanglement between the DLT AI network and the human neural network.

It is possible to repair structures in the brain in the semantic domain by modifying DLT AI's semantic structure thanks to their coherence as well as the introduce the information field to the brain through emotional stimulation. American scientist proved that there is a correlation between human emotions in large human communities and the functions of distributed network's information field.

There are two tracks. One is the possibility of emulating the quantum space, according to the above-mentioned assumptions, through the DLT AI structures of certain phantoms, mainly from the field of DLT AI. It is possible to emulate quantum phantoms into the network space as the culprits of a certain synchronism between the brain and the corrective action of the network. The brain functions in quantum realm, and a phantom of this quantumness can be created on the network, e.g. using holography.

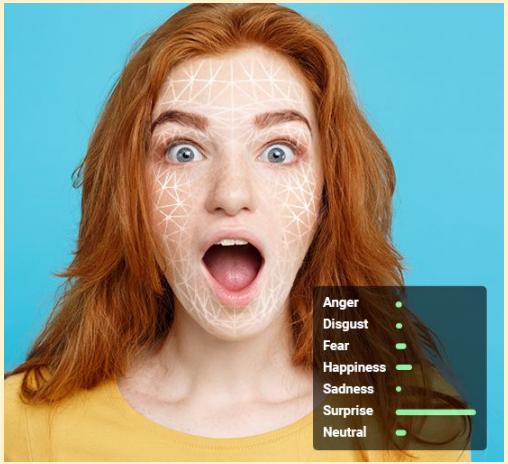
[1] Ali Behrouz, Margo Seltzer, "Anomaly Detection in Multiplex Dynamic Networks: from Blockchain Security to Brain Disease Prediction", NeurIPS 2022,

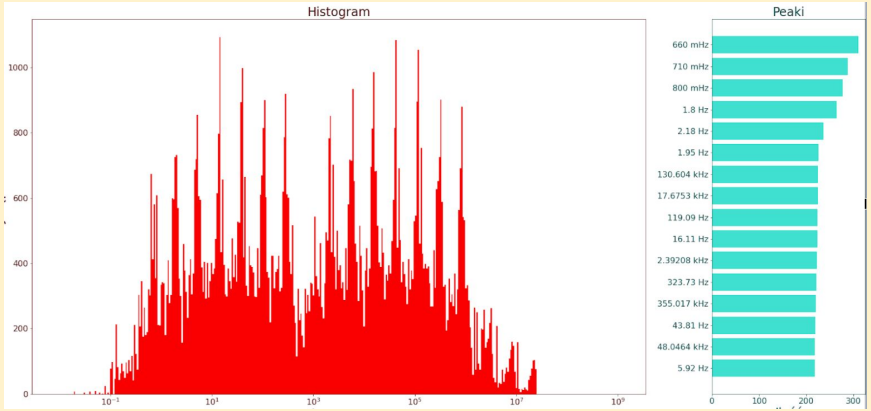
[2] Ali Behrouz, Margo Seltzer, "ADMIRE++: Explainable Anomaly Detection in the Human Brain via Inductive Learning on Temporal Multiplex Networks", ICML 2023

DARQ Technologies Applications Illumination

Distributed Ledger Technology DLT

- DLT Network, every family is a node in the network
- All activity, interactions and transactions are performed on the network
- Therapy history is saved on the network
- AI model trained on the individual and collective therapy history



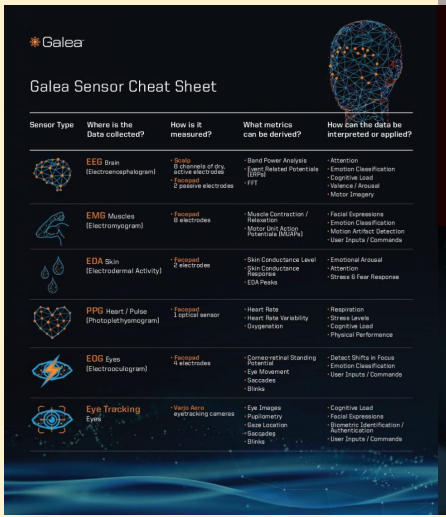


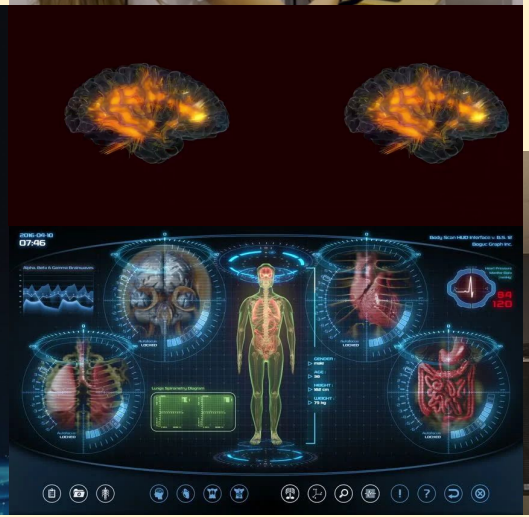
Artificial Intelligence AI

- Emotions recognition
  - Before and after therapy session
  - Detection algorithm adapted to the population for which it is implemented and its respective cultural aspect of emotional expression.
- Therapy history analysis
  - Record of the history of the therapy process is analyzed statistically and stochastically
- AI therapy assistant (GPT)
  - GPT chat feature help users select relevant programs based on their description of their issues

Holo Reality HR

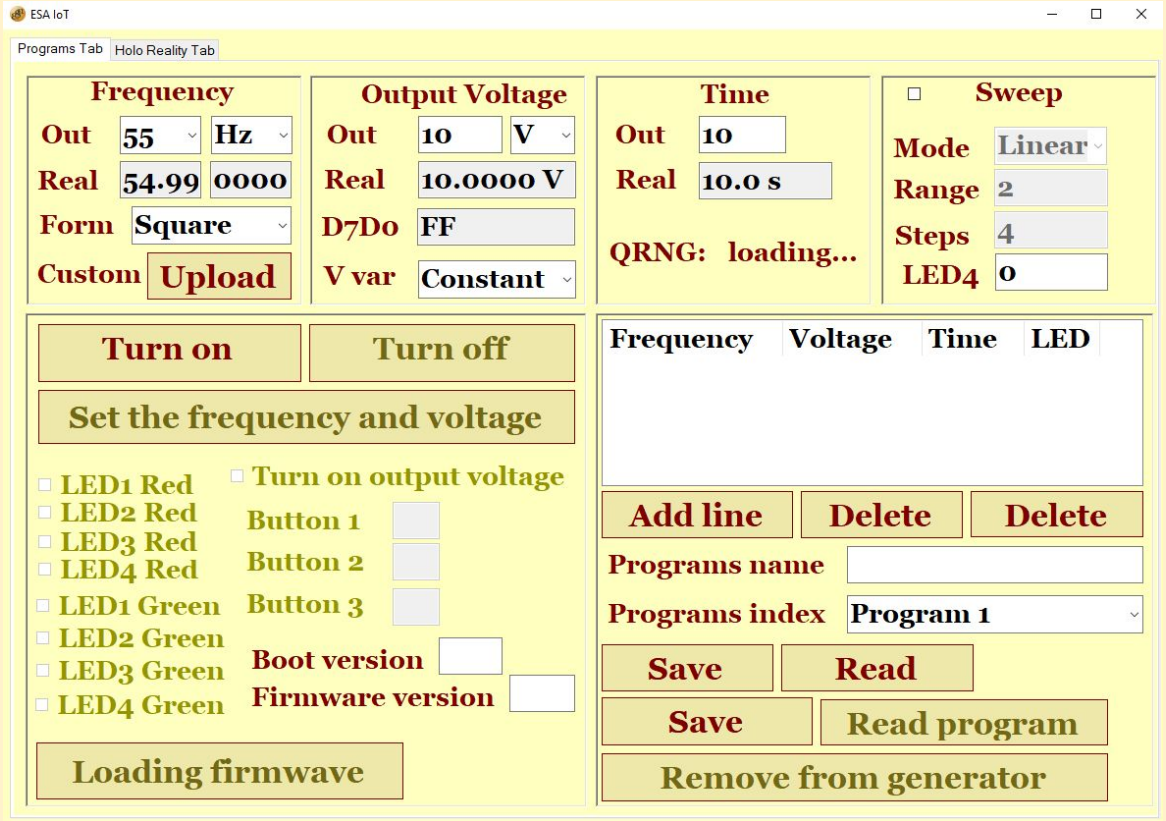
Neurotechnology & VR & Quantum Combined





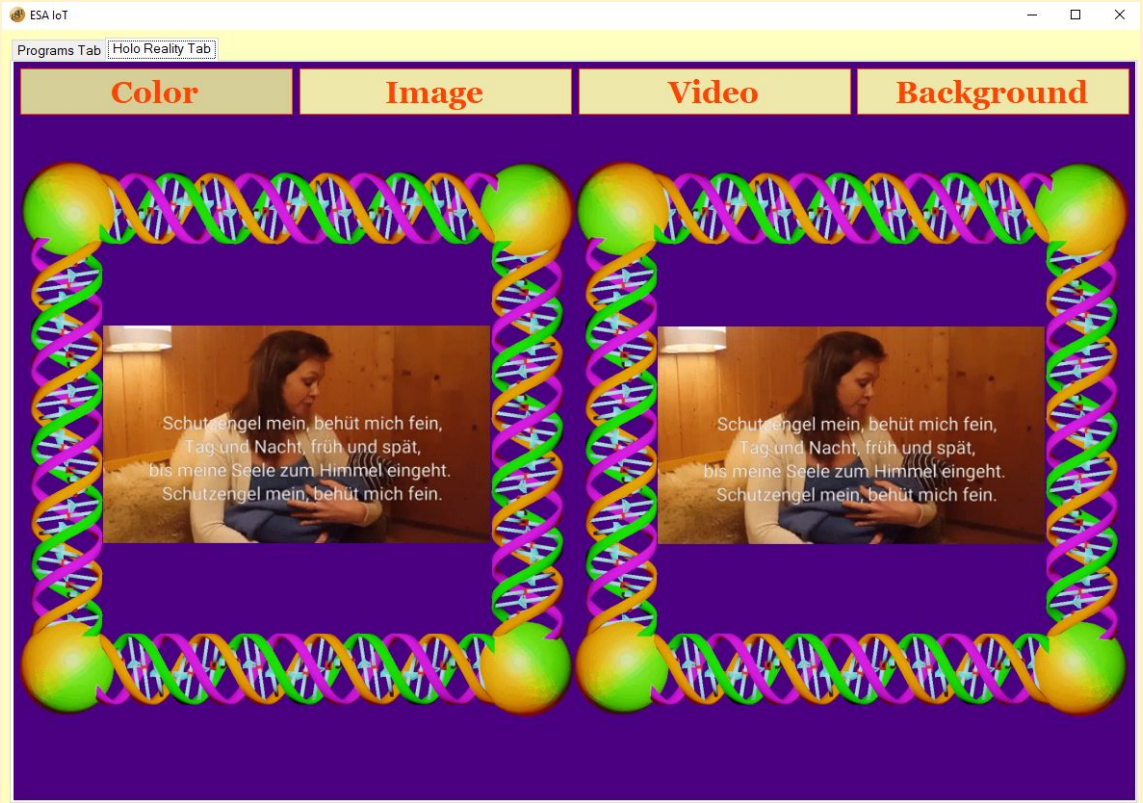
- VR Neurofeedback
  - Dedicated headset
  - Mobile integrated
- 3D & Holographic health models
- Data from physiological imaging of healthy individuals
- Immersion in Metaverse or Omniverse
- Quantum Random Generator modulated pulsation as visual stimulus.

Quantum Technology QT with frequency generator



- Bioresonance frequency applicator
- Modulated by Quantum Noise

Quantum Technology QT with frequency generator



- Optionally a version with built in display for VR directly in the device

Effectiveness assessment

The assessment of the system's full implementation and its impact on individuals engaged in the therapeutic process must be established concurrently with its integration into a specific population and at an appropriate scale. Meanwhile, the distinct components of the system, including bioresonance and neurofeedback, adhere to their respective protocols and assessment methodologies. Combined with AI emotional recognition and emotional analysis, these elements form the foundation for defining the evaluation criteria of the system.