

Original Paper

Is Psi a Synchronization of Reciprocal Resonate Actions? Telepathy, and Intuition, as Examples

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Abstract

This paper suggests a hypothesis about the nature “Psi”; psychical experience. The suggested hypothesis concluded from rational logical introduction and related studies, as well. By inductive methodology, concluded from this paper that we are all linked to coherent neural networks that work in synchronized and reciprocal way. Our mirror neurons resonate and synchronize actions to join us with the whole, at anytime, anywhere, causing communication obviously noticed in Psi experiences. This communication happens when we have massive, urgent need with no ability to feed by regular ordinary daily common ways.

Keywords

psychical experience (Psi); telepathy and intuition, synchronization (SYNC), reciprocal resonate; mirror neurons

1. Introduction

Information transfer is the fundamental of life. Life is a series of information that flow from one system to another. The interaction of life beings happens in a dramatically way, when this flowed information exchange its knowledge among systems and units, in reciprocal interaction, hence, the researchers trying to understand how these interactions happen, and which factors affect them.

Since ancient times, human noticed and experienced such psychical experiences (psi), which human called as supernatural. About a century ago, humankind tried to study these illogical experiences in logical way, and try to control its variables in human laps.

New physics tells us there is no illogic; there is entangled universe that works as a whole, or oneness. This massive, giant universe working in harmony to keep the oneness being, working accordingly

needs synchronization, nothing happens haphazardly, otherwise the wholeness will destroy itself.

2. Synchronization

The first psychologist who suggested synchronization, to ridge between out world events and psychological inner one, was Carl Jung, he suggested there is a causal principle that joins between events serially, and nothing happens by chance. He connected between unconscious mind- collective unconscious mind- and the perception of outside world phenomena (www.agreek.com).

Synchronization is a speculative concept refers to two parallel things may coming together in one moment. It refers to implicit order in this universe; events may move separately outwardly, but there is an implicit order that join them in harmony and meaningful way. From ancient philosophy up to recent researches, thinkers and researchers found that human brain in meditation experience synchronization and harmony between one psychological status and physical world events (www.thebest4yo.com).

Up to now, synchronization refers to harmony between human experience and human perception to universe's implicit order. The best example for is in telepathy, precognition, and premonition, as psi experiences. When we think in something and find it or something like in outer world. As if there is an echo, reverberation between what we feel, think and outside physical world.

3. Method and Hypotheses

Therefore, psychical (psi) experience may reflect, mirror, echo in implicit order or law between our world and us in a harmonic way.

Paper method, is a conductive descriptive analysis from what wrote about; psychical nature, SYNC, and mirror neurons, as a resonate action. Method by this theoretical way, exam the hypothesis, and conclude the results.

Hypotheses suggested from previous general introduction, and brief introduction about synchronization, are:

H1: Synchronization refers to hidden, implicit order in the universe that entangles all non-local events and entities, in order, harmonic way.

H2: Synchronization appears as a reflected conversation between human and universe, as in psi experiences, in reciprocal relationship, as echo, and resonance phenomenon in nature.

4. Reciprocal Resonate Actions: Mirror Neurons

The most difficult thing in studying psychical human behavior is to control its phenomena in experimental laboratory environment. How to notice empirically its variables and measure them apart from many and unlimited very interconnected other variables. Therefore, we try to use induction way to follow up specific topics, manipulations and experiments to investigate the whole phenomena.

The closest topic to echo and resonance in nature is mirror neurons in brain. Hebbian theory and

brain-to-brain coupling theory support this suggestion.

In 1949, Donald Hebb postulated that a basic mechanism for synaptic plasticity where in an increase in synaptic efficacy arises from the presynaptic cell's and persistent stimulation of the postsynaptic cell. When an axon of a cell A is near enough to excite a cell B and repeatedly or persistently takes part in firing it, some growth process or metabolic change takes place in one or both cells that A's efficiency, as one of the cells firing B, is increased. This theory summarized as "Cells that fire together, wire together", which explains associative learning too (Acharya & Shukla, 2012, pp. 119-120).

Mirror neurons, the recently discovered mechanism underlying empathy, followed by a theory of brain-to-brain coupling. The neuron tuning, seen as a kind of synchronization (SYNC) between brains and between individuals, we sometimes feel as if we just resonate with something or someone, which is beyond mere intellectual cognition (Praszkie, 2016, p. 1).

Mirror neurons are one of the most important discoveries in the last decade of neuroscience. They respond to actions that we observe in others, and fire in the same way when we actually recreate that action ourselves. Apart from imitation, they are responsible for myriad of other sophisticated human behavior and complex thought processes (Acharya & Shukla, 2012, p. 118).

In the mid-1990s, neuroscientist Giacomo Rizzolatti, was licking ice cream in the lap, he noticed that the same region in monkeys brain fired as they merely watched the researcher handle the food. This discovery; "mirror neurons" so novel that it shifted the way psychologists discuss the brain; from the basis of empathy, to social behavior. One psychologist placed these neurons on the same plane as DNA in the realm of scientific discovery (Jaffe, 2007, p. 1).

Mirror neurons acts in two stages: first stage or component is; what is action. Second, who is more complex, what is the action for and why? The beauty of this discussed subject is in the second component our mirror neurons premonate the future action that is yet to occur, which mediated by understanding of others (Acharya & Shukla, 2012, p. 21).

Many studies have independently argued that the mirror neuron system involved in emotions and empathy. Studies show that people who are more empathic according to self-report questionnaire have stronger activations both in the mirror system for hand actions and in the mirror system for emotions, providing direct support for the idea that the mirror neurons linked to empathy. Mirror neurons create a direct link between the sender of the message and its receiver (Acharya & Shukla, 2012, pp. 22-23).

Michael Corballis, an eminent cognitive scientist, said that "what distinguishes us from animal kingdom is our capacity for recursion"; which is the ability to embed our thoughts within other thoughts. It also give us the power of mental "time travel", that is the ability to insert past experiences, or imagined future ones, into present conscious. This could be the neural basis of introspection, and of the reciprocity of self-awareness and other awareness (Acharya & Shukla, 2012, p. 24).

There is a Link among SYNC, Empathy, Mirror Neurons and Psi Behavior

Rhythms control empathic responses; SYNC perceived as pivotal for shaping rhythms into a vehicle

that triggers an empathic resonance. Mirror neurons embedded in our brain reflect the movement, sound seen on the screen, and beef up the spectator's empathy. Neither animal nor human are selfish empathy is an ancient trait. While mirror neurons give us, the ability to "time travel", empathy is like intuition; helps in understanding and recognition of emotions in others, and relates to connectedness (Praszkiel, 2016, pp. 2-4).

Mirror neurons are involved in human communication. A process of implicit, pre-reflexive action simulation automatically establishes a direct implicit link between the other and the observer, as what called vibration between people (Praszkiel, 2016, p. 11).

In mirror neurons relationship two brains attune and couple, synchronizing beyond and regardless of the content of communication, brain to brain coupling as a wireless communication system; two brains coupled by the transmission of physical signals (sound, pressure, chemical components) through the physical shared environment (Praszkiel, 2016, p. 13).

Moreover, it shown that neural networks-to-networks collaboration shaped in a specific, synchronic form: applying FMRI to record brain activity from both speakers and listeners during natural verbal communication documents that during successful communication, speakers' and listeners' brain exhibited joint, temporally coupled, response patters. Additionally, more extensive speaker-listener neural couplings result in communication that is more successful. Interestingly, this coupling disappears when participants fail to communicate (Praszkiel, 2016, p. 15).

Psychical (psi) Experiences, as Examples: Intuition and Telepathy

Intuition, as a psi experience, refers to non-local being in a quantum system. The traditional definition of intuition is a direct mean of gaining knowledge about the world. Einstein once said: "The intuitive mind is a sacred gift and the rational mind is a faithful servant. We have created a society that honors the servant and has forgotten the gift." Intuitive knowledge does not associate with rational thought, it arises "in a flash" with correct answers to scientific and technical problems, to give elegant solution to such problems (Radin, 2008, pp. 1-2).

For example, in his experimental pilot study to explore intuition, the prominent parapsychologist Dean Radin, found that the source of gaining intuitive knowledge not mediated by ordinary senses, which raises the radical possibility that the existence of nonlocal mental capabilities, may help shape the nature of physical reality itself through quantum observer effects (Radin, 2008, p. 15).

Further speculation about this may lead to suggest that a kind of SYNC and a hidden resonate dialogue happens between human and h/her physical environment that may cause intuitive knowledge.

Telepathy

Telepathy occurs when there is no available open communication, and the communication is necessary but not possible, occurs under situations of intense emotions; as among twins, or mothers', parents' siblings', intimate friendship relationships and particularly after a trauma (Beyer, 2017, p. 146).

Experimental studies on people who have telepathy ability reported significant brain activations in

some parts of the brains, which are physically and sensorily isolated from each other. It has reported that such mental signals maybe detected in the correlated distant intentionality by the development of the imaging brain science (Ennadifi, 2018, p. 3).

Telepathy can find a place in quantum physics, in quantum entanglement, where two separated particles interconnected, by reacting to each other's vibrations, at the subatomic level an exchange of information via telepathy seems possible. With telepathy, how far apart two minds are and how many minds among them doesn't matter, communication takes place; the shared thoughts seemed be able to travel large distances and overcome all barriers, even the time barrier (Ennadifi, 2018, p. 3).

Recent studies reported direct transmission of brain activity between two animals, two humans and even between a human and an animal. Theses "brain-to-brain interfaces" allow for direct transmission of brain activity. Around 2013 neuroscientists began experimental studies on telepathy and found some positive results with a process known as synaptic transmission. They attached special electrodes to a helmet, the helmet worn by a person in the experiment. The electrodes could read the brain activity of the person wearing the helmet. In one test, the person was giving a greeting, in another test, the person was making a hand movement, and the electrodes read the activity of who is performing it. That activity translated into binary code to another far away, in one case the distance was 5,000 miles away on the receiving end; the coded messages decoded, then fed to the receiving person's brain using transcranial magnetic stimulation "TMS" (Siddhi, 2019, pp. 2-3).

Some studies reported that cells use photons as information carriers; significant results strongly suggest Biophotons as transmitters of information (Fels, 2009, p. 1).

A new electromagnetic version of Freud's psychoanalytic model proposed by Alan Haas; this version treats the mind as a charged object that interacts with others and the environment in a balanced fashion between super ego, ego and id. He postulated that a telepathy phenomenon occurs due to synchronistic effects and possible subconscious information acquisition acquired. Electrochemical charges and energies may assign to thoughts, emotions and actions and these may coherent with others: two separated people may charge state at the same time (Haas, 2011, pp. 22-33).

Mirror neurons as responding to observing actions, may play a role in synchronizing behavior with others, the net charge state of socially paired and synchronized brains may occur when they are together or separated. The process represents a kind of coherence, which commonly called a synchronicity, and biochemical, electrochemical changes occur in the brain, and a more distinct, and obvious resonance happens and cause telepathy (Haas, 2011, pp. 22-33).

5. Result and Conclusion

Concluded from all above that a kind of SYNC happening always between our brain and our physical environment, with all its components; we resonate our inside emotions and thoughts to outside world and vice versa. There is a direct transmission of brain activity, through time travel and unlimited space.

A neural networks-to-networks collaboration shaped SYNC form in successful communication, electrochemical changes in brains and obvious resonance happen causing Psi behavior; as telepathy. Resonate, SYNC occur between what we fetch, need, and what may exist somewhere, anytime.

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