

Transmission of mind, Brain sound without (mechanical) waves

'Natural or metaphysical'

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Abstract

The present work deals with transmission of the mind sound in absence of a physical environment and mechanical waves. By "transmission", we refer to what happens for sound waves in physical environment.

By the "sound of mind" we intend something other than what has been examined by many psychologists over the past few years. They utilize the concept with its applied meaning in "inner dialogue" disease.

Therefore, the sound wave generated by the brain, mind is intended in this study, which is like the sound generated by one's larynx and can be heard by others.

Keywords Brain, mind, sound, transmission, physical environment, sound of mind, brain waves

Methodology

The study is a wide and multidisciplinary work that covers theoretical and experimental fields of science. Thus, the methods used in these two groups might be required including:

- Descriptive methods
- Experimental methods and
- Historical methods.

Hypothesis and problem statement

Hypothesis and problem statement The duality of mind and body has been addressed by the ancient Greece philosophy. However, they used the term "soul or ego" instead of mind in contrast to body. (Aristotle, P.11). He believes that "body" is different from life as life is added to the body. Thus, the body is different

from "ego" or "psyche." As what considered as the essence of body, should be alive by itself rather than being depended on the life of another thing (Abdollahi, P.11).

In the past, psyche was equal to the term "soul" - i.e. soul abstracted from matter - and now it is equal to mind - i.e. nous in Greek - in contrast to "body." It appears, however, that the "soul" is a better meaning for psyche than "mind." As the former is the thing that controls mental activities and represented via the brain (the relationship between an immaterial and material, physical matter). When an individual uses the term "my mind" he actually refers to the mind and by "my"

he refers to the ego or psyche. Both of these two are different from "brain." We cannot claim that the mind is the thinking faculty of the brain. It is better to say that the mind is the thinking faculty of self (ego). At any rate, the dualism has found its way to the contemporary age from the ancient Greece and

then through the Middle Age. Its traces can be found in the works of Descartes, Hegel, Kant, and other contemporary philosophers. (Fotouchi, P.11) & (Nazar, P.11). It is time to discuss the nature of relationship between physics and philosophy. In the late 19th

century, studies revealed a valuable finding about "mental dialogue." A pianist managed to determine the played notes and imagine them in his mind without hearing the physical sound waves from a displayer. This was shown by logging his brain waves. A different experiment will be used

in this study. Take typist A that is trying to establish a virtual connection with typist B from a long distance (say 100 km). While typing, the "mental voice" generated by typist A's brain, mind is transmitted to the

brain, mind of typist B and heard, imagined by him (mind and brain interaction).

This example is to elaborate on the point that if the transmission of sound from one mind, brain to another is presumably feasible in long distances, how it can be explained in absence of mechanical waves and vibration of brain, mind and the physical environment in which such waves can travel?

The point is that previous studies have only managed to record the brain waves using electrodes at the moment of imaging the reception of musical notes. So that these studies have not addressed the transmission of waves from one mind to another. Rather than an indirect transmission through recording brain waves and the imagined voice by electrodes and translating the data, the proposed study will address the direct transmission of waves emitted by one brain, mind to another. The questions that will be answered by the study are:

Main question

• Is there a proof for an immaterial nature in the transmission of mental data (a sort of unknown physical laws)?

Secondary questions

• What is the nature, type, and material of mind, brain sound (are they of unknown waves or vibrations)?

• If there are specific vibration and waves for brain, mind voice, are they transmittable? And how?

• Is the sound hearable or is it a imagination in the mind, brain of the recipient?

• Does the mind, brain communicate with other minds, brains via different signals?

• Assuming a sound for the mind, can the mind and brain experience a mutual interactive connection (of the same nature of the effect, companionship of energy on, with material)?



Conclusion

Given the above, the following points are notable

- The mind sound in the proposed study is beyond the inner dialogue.
- The nature and type of mind, brain wave will be identified to determine in which environment they can be transmitted.
- The nature of the suitable environment will be determined.
- Generated waves by the mind, brain will be transmitted from different distances and received by the brain, mind of the receiver.
- The idea is to transmit sound (generated waves and vibrations) from one brain, mind to another and determine the way such transmission takes place.
- The study will also determine if the mind organizes its activity independent from the brain and interacts with it (immaterial and material things) or they are the same and identical.

In conclusion, if the nature of mind, brain sound and the environment that the transmission takes place is determined, several new topics and questions will be found each leading to a new world. Sciences like neuroscience, artificial intelligence, virtual economy, virtual world and the like along with philosophy, physics, and quantum worlds will be measured through a complicated and interwoven relationship.