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## Wormhole of Mind

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# Wormhole of Mind

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## My opinion

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I never realized that my recent awakening about the existence of Einstein-Rosen bridges (wormholes) in the space-time fabric will lead me to revisit one of my all time favorite movie - *Ghost* (1990) [1]. When Sam the Ghost is searching for poltergeist in the subway, it was portrayed that while standing on the subway platform, Sam the Ghost poked his face into the high speed train going past by to scan the traveling subway cars for the poltergeist whom he was looking for. How does this depiction of peeping fit into our existence? I will attempt to elaborate as I put forth my theoretical perspective about the dreams.

Reading *Parallel Worlds: A Journey Through Creation, Higher Dimensions and The Future of The Cosmos* (2005) [2] inspired and reading *The Future of The Mind: The Scientific Quest to Understand, Enhance, and Empower The Mind* (2014) [3] affirmed the notion wherein I may NOT be alone in theorizing, "Why and how do we dream?" and "What worlds do our dreams represent?" [4]

For my own better understanding, I envisaged a simplistic model. My first assumption was that the space-time fabric is unidirectional and treading a linear path as it moves ahead. Next assumption was that everything in the universe is stationary except for our earth that is moving in its orbit around its sun. As earth completes its one year around the sun, it can NOT return to its original coordinates within the space-time fabric because the space-time coordinates have linearly moved ahead by the magnitude of one year. This forward movement in the space-time fabric essentially creates helical orbits for our earth as it moves along. Now the final assumption is how large or how small the distance between me standing stationary on the earth in the space-time fabric at year-0 and me standing stationary again on the earth in the space-time fabric at year-1 is. Do dreams during sleep mean our minds traveling back and forth across this small or large distance as similar to traveling across wormhole at speed of light? Who knew that the portrayal of Sam the Ghost [1] as a potential peeper across the planes within the space-time fabric may be able to unintentionally throw light to lead me forward into my theory. This simplistic model assumed that the space-time fabric is unidirectional moving linearly as shown in Figure 1 wherein as compared to being too

distant from Point-C (where earth is almost half-way into completing the year-12), Point-B (where earth has just moved past year-11) appears too close to Point-A (where earth has just moved past year-10) and this proximity is all because of helical orbiting of earth over the space-time fabric. Now one can only wonder what happens if the space-time fabric is anything but linear and thereafter, the distance between me standing stationary on the earth in the space-time fabric at year-x and me standing stationary again on the earth in the space-time fabric at year-y can be anywhere from almost-zilch to almost-infinity. Analogously, that may be the reason why sometimes, whatever we visualize in our dreams seems realizable in our very near-future, with analogous proximity (by distance and time) of Point-A and Point-B in Figure 1, while at other times, the feasibility of whatever visualized in our dreams seems infinitesimal small within our limited lifetimes. In Figure 1, this is analogous to seemingly far removed (by time) Point-B and Point-D despite possible proximity (by distance) when we assume that each helical ring is separated by Planck length [5], the smallest distance known to science ( $1.6 \times 10^{-35}$  m) but z-number of years in real time has to elapse for two points to come that closer within the helix, and hence it may be assumed that when we dream, as similar to the portrayal of Sam the Ghost [1] peeking at Point-B from Point-D, we may be so near to what we see and yet so far removed in time from what we see. Who knows if the "prophecies" documented by Nostradamus [6-8] might actually have been his visualizations across the wormholes within his "mind". Who knows if the "Tesseract" scene depiction in the movie - *Interstellar* (2014) [9] may be difficult at macro-level with the "physical" body but conceptually possible at micro-level within the "dreamy" mind.

Although reality may neither be as simple as the simplistic model nor be as linear as the assumed linear helical model, the peeking from Point-D into Point-B in the future can only presume what we will be when we reach at Point-B after a definite period of time but space may have moved/alterd by then, whereas the peeking from Point-B into Point-D in the past will see what we were when we were at Point-D but we may never know when we were at Point-D as altered space may interfere with the calculation of time. It is interesting to see how counterintuitive it is that our sleep may be the only one opening up channels to peek into our past or our future or our infinite co-existences in the parallel worlds, whereas our

wakefulness may hide our ability to see through the matrix unless we consider being well-trained and astute in "thoughtless meditation devoid of distracting thoughts blinding our minds" which may be our awakening to at-least mind-travel across the wormholes. Alternatively, the future biomedical research can explore the biochemistry of the human brain that can open up the wormholes of human mind as similar to the biochemistry behind our dreams [10-12] whose analogous pathways may be getting expressed unintentionally among the psychiatric patients as hallucinations induced by endogenous neurotransmitters' imbalance or explored rebelliously by the outlaws as hallucinations self-inflicted by consumption of exogenous illicit substances. Interestingly with potential analogy, there is *Star Trek: The Original Series* [13] that is often cited to have coined the term "Reality Distortion Field" which has been often associated with Steve Jobs [14-15], the co-founder of Apple Inc. Â Â Â

In summary, it seems like I am dreaming about the dreams to realize that my existence in the parallel worlds may only be accessible via the automated journey of my mind during the sleep that opens up the wormholes to give me a peek through my personal Einstein-Rosen bridges in the space-time fabric. Â

## Dedication

This theoretical piece is dedicated to Ma who enlightened me that thoughtlessness is divinity, to Ek (One) who awakened me to the powerful Zero (Sunya) in the worm holes, and to the light in my life, Babus, my nephews.

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