DIFFERENT VIEWS OF CONSCIOUSNESS

* Consciousness is irrelevant

when psychology must discard all reference to consciousness; when it need no longer delude itself into thinking that it is making mental states the object of observation." John Watson (1913)

"Consciousness appears to be the last bastion of occult properties, epiphenomena and immeasurable subjective states - in short, the one area of mind bes left to philosophers, who are welcome to it. Let them make fools of themselves trying to corral the quicksilver of phenomenology into a respectable theory.'

Daniel Dennett (1991)



Marvin Minsky

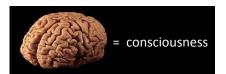
"When I die I shall

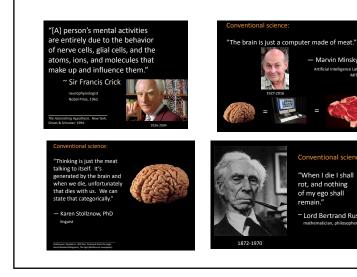
Lord Bertrand Russell

rot, and nothing of my ego shall

DIFFERENT VIEWS OF CONSCIOUSNESS

- * Consciousness is irrelevant
- * Consciousness is just an excretum of brain





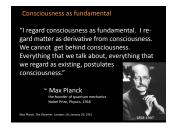
DIFFERENT VIEWS OF CONSCIOUSNESS

- * Consciousness is irrelevant
- * Consciousness is just an excretum of brain
- * Consciousness cannot be explained by brain





- * Consciousness is irrelevant
- * Consciousness is just an excretum of brain
- * Consciousness cannot be explained by brain
- * Consciousness is fundamental





DIFFERENT VIEWS OF CONSCIOUSNESS

- * Consciousness is irrelevant
- * Consciousness is just an excretum of brain
- * Consciousness cannot be explained by brain
- * Consciousness is fundamental
- * Consciousness is irrelevant to physics



DIFFERENT VIEWS OF CONSCIOUSNESS

- * Consciousness is irrelevant
- * Consciousness is just an excretum of brain
- * Consciousness cannot be explained by brain*
- * Consciousness is fundamental
- * Consciousness is irrelevant to physics
- * Consciousness is part of physics

Physics must expand to explain mental experiences" "It is not possible to formulate the laws Noam Chomsky (1975) of physics in a fully consistent way without reference to the consciousness of the observer." Eugene Wigner (1957) "Mind and Universe are complimentary" John Wheeler (1977) The doctrine that the world is made up of "My position [on consciousness] demands a major revolution in physics.... [T]here is objects whose existence is independent of something very fundamental missing from human consciousness turns out to be in current science. Our understanding at conflict with quantum mechanics and with this time is not adequate and we're going to have to move to new regions of science. facts established by experiments. Bernard d'Espagnat (1983)

Human consciousness is simply a state of matter, like a solid or liquid – but quantum



Consciousness as a State of Matter

Max. Tegmark
Dept. of Physics & MIT Kavli Institute, Massachusetts Institute of Technology, Cambridge, MA 02139
(Datet: February 28, 2014)

We examine the hypothesis that consciousness can be understood as a state of matter, "perceptuation," with districtive information precessing abilities. We explore five beas principles that may distinguish conscious matter from other physical systems such as solds, liquids and gases: the information, integration, on, independence, dynamics and utility principles. If such principles can identify conscious entities, then they can help solve the quantum factorization problem: why do conscious sciences that the precision problem: why do conscious sciences are precised to particular Hilbert space factorization corresponding to classical space (rather than Fourier space, say), and more generally, why do we precise the world around us for a dynamic hierarchy of objects that are strongly integrated and relatively independent." Second factorization of matrices is found to play a central role, and our tecnical results include a theorem about Hamiltonian separability (defined using Hilbert-Schmidt superporeation) being maximized in the energy eigenbasis. Our approach generalizes Guido Tisonol's integrated information framework to error-correcting codes, condensed matter critically, and the Quantum Dawnishis program, as well as an interesting connection between the emergence of consciousness and the emergence of time.

DIFFERENT VIEWS OF CONSCIOUSNESS

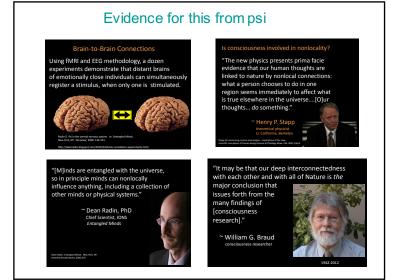
- * Consciousness is irrelevant
- * Consciousness is just an excretum of brain
- * Consciousness cannot be explained by brain
- * Consciousness is fundamental
- * Consciousness is irrelevant to physics
- * Consciousness is part of physics
- * Consciousness is unitary

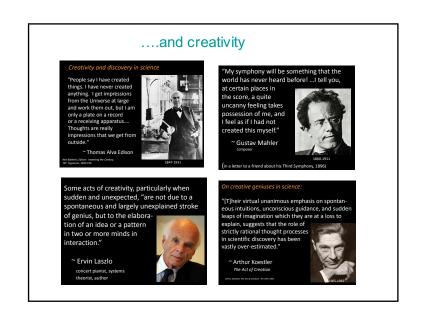












....and mystical experience

"[T]he borders of our minds are ever shifting, and ... many minds can flow into one another... and create or reveal a single mind, a single energy.... [T]he borders of our memories are ... shifting, and ... our memories are part of one great memory..."

~ William Butler Yeats

DIFFERENT VIEWS OF CONSCIOUSNESS

- * Consciousness is irrelevant
- * Consciousness is just an excretum of brain
- * Consciousness cannot be explained by brain
- * Consciousness is fundamental
- * Consciousness is irrelevant to physics
- * Consciousness is part of physics
- * Consciousness is unitary
- * Consciousness is filtered through the brain

Frederic Myers, William James, Henri Bergson

"(E)ach one of us is potentially Mind at Large.
But in so far as we are animals, our business
at all costs is to survive. To make biological
survival possible, Mind at Large
has to be funneled through the
reducing valve of the brain and
nervous system."

~ Aldous Huxley
The Doors of Perception

"What comes out at the other end is a measly trickle of the kind of consciousness which will help us to stay alive on the surface of this particular planet."

" Aldous Huxley

~ Aldous Huxley The Doors of Perception



WE NEED A BRIDGE

Matter

Experiment

3rd person

Science

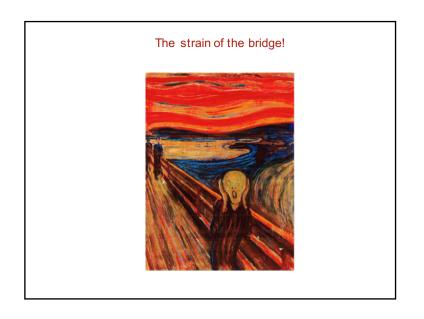


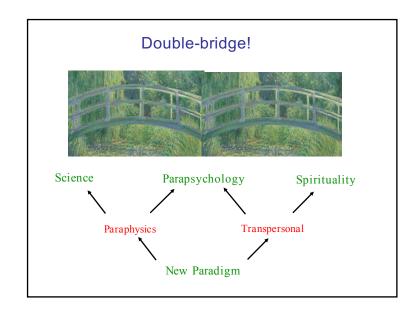
Mind

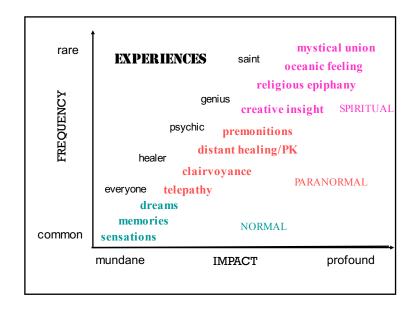
Experience

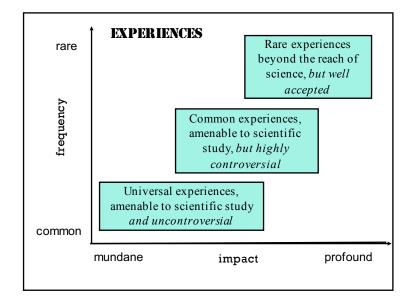
1st person

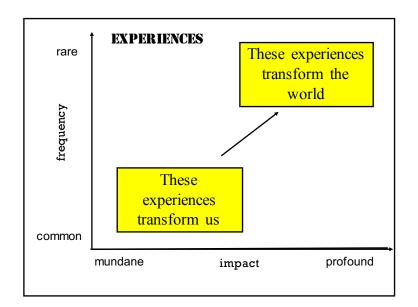
Spirituality













Linking psychic and religious experience



"As I was looking on, she (Saint Teresa of Avila) was raised about half a yard from the ground without her feet touching it. At this I was terrified, and she, for her part, was trembling all over. So I moved over to where she was and I put my hands under her feet, over which I remained weeping for something like half an hour while the ecstasy lasted. Then suddenly she sank down and rested on her feet and turning her head round to me, she asked me who I was, and whether I had been ther all the while.'

Transpersonal psychology and parapsychology overlap but use different methodologies and address different questions

Areas of common interest in transpersonal psychology and parapsychology

- · Auras and subtle energy systems
- · Channelling and mediumistic experiences
- Experiences of Angels
- · Experiences of synchronicity
- Lucid dreaming
- · Near death experiences (NDE)
- Out of body experience (OOBE)
- · Past life memories
- Possession
- · Prophecy and precognition
- · Reincarnation experiences
- Sense of Presence · Shamanic experience
- · Spiritual healing
- Stigmata, and other bodily transformations
- · Telepathy, clairvoyance and the "siddhis"
- · Experiences of UFOs, alien contact or abduction
- Psychokinetic phenomena
- Witchcraft and Magic

Daniels, M. (1998). Transpersonal psychology and the paranormal. Trans. Psych. Rev. 2, 17-31.

WHY THE ANTIPATHY FROM THE RELIGIOUS SIDE?

- Psychic powers are a distraction from spiritual path
- Mystical experiences are beyond science
- Psychic experiences are insufficiently spiritual

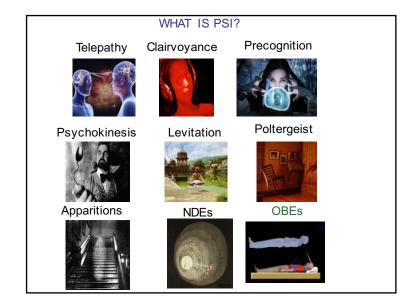
WHY THE ANTIPATHY FROM PARASYCHOLOGICAL SIDE?

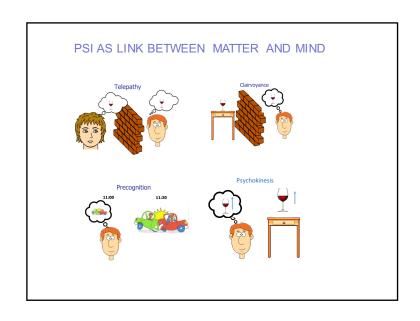
- Discomfort with spirituality
- Experiment versus experience
- Lab versus life

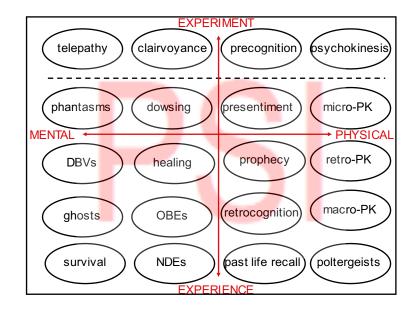
SIGNS OF BRIDGE CONSTRUCTION

- Psi-conducive states and training subjects (meditation)
- Greater emphasis on experience (inside view of psi)
- Transpersonal Psychology recognized by British Psychol' Assoc'

Tart (1997) "Body, Mind, Spirit: Exploring the Parapsychdogy of Spirituality"







SOCIETY FOR PSYCHICAL RESEARCH (SPR)







Edmund Gumey

Frederic Myers

Henry Sidgwick

Founded in 1882 "to examine without prejudice or prepossession and in a scientific way those faculties of man, real or supposed, which appear to be inexplicable on any generally recognized hypothesis."

Mesmerism, telepathy, hallucinations, apparitions, spiritualism...

MANY PROMINENT MEMBERS

Nobel Laureate members

Lord Rayleigh Physics 1904 (SPR president 1919)

J J Thomson Physics 1906

Marie Curie Physics 1903 & Chemistry 1911

Maurice Maeterlinck Literature 1911

Charles Richet Medicine 1913 (SPR president 1905)

W B Yeats Literature 1923

Henri Bergson Literature 1927 (SPR president 1913)

Nicholas Butler Peace 1931 Brian Josephson Physics 1973

Arthur Balfour, William James, Carl Jung, Sigmund Freud.....

Spiritualism

- The Fox sisters Hydesville, NY
- "raps" responded to questions, spelled messages
- Spirits seeking to communicate with friends and family
- Fraud was later suggested, but séance craze grew



Séance Phenomena

- Table tipping
- Automatic writing
- Speaking with 'spirit' voices
- Clairvoyant diagnoses
- Phantom hands or figures
- · 'Apports' of objects
- Production of 'ectoplasm'



Wax hand moulds produced by medium Franek Kluski, Warsaw, 1920



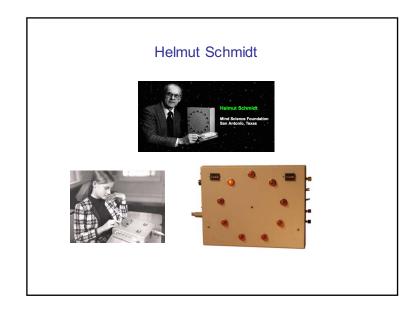
PARAPSYCHOLOGY

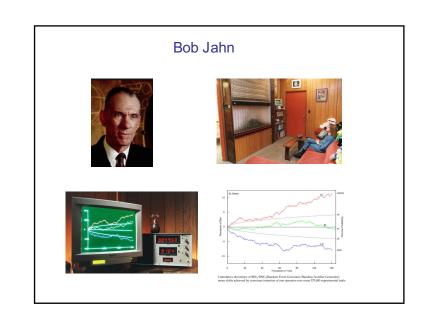
J B Rhine initiated experimental statistical studies of ESP and PK at Duke University in 1930s, leading to greater academic repectability but split between "life" and "lab" studies of psi.











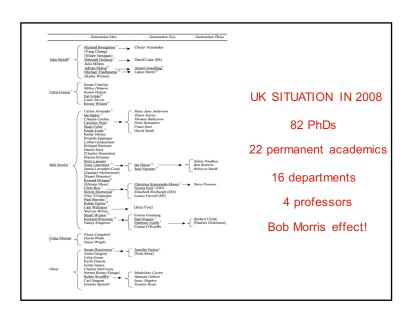
Bob Morris

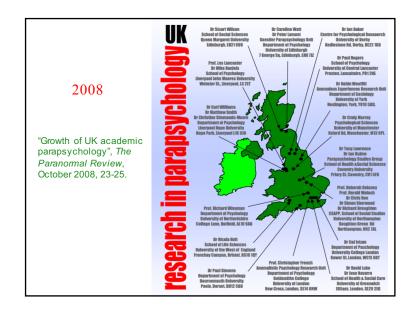


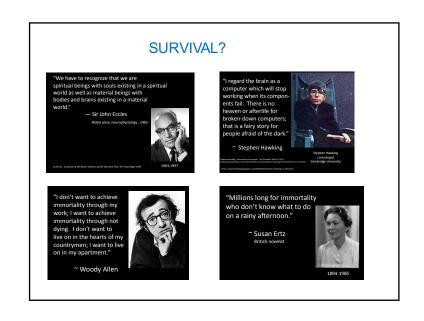


Proliferation parapsychology in UK began with his appointment to Koestler Chair in Edinburgh in 1985.

Morris served as President of the Psychology Section of the British Association for the Advancement of Science







SOME PERSONAL PRECOGNITIONS

Prime Minister dream (April 1976)



Two cases of morbid imagination and precogntion Bernard Carr and Kathy Korner Psi Researcher No 10, July 1993 pp 5-6

BC's experience

During his visit to Cambridge Raymond informed me that he had received another psychic impression about me while meditating. He was not very precise over the details of his 'vision' but he warned me that—on my forthcoming visit to America—1 should not enter a pink bulding and that, if I did, I should on on account take the lift.

no account take the lift.

it was not until I visited Texas for a month in April 1979 that I found myself working in a pink building. This was the Physics Building at the University of Austin. Since my office was on the 9th floor, I was reluctant to avoid the lift allogether. However, being mindful of Raymond's warning. I decided to take the lift up but always walk down. The upward journeys were therefore made with a certain degree of trepidation—especially since notices indicated that there was trouble with some of happened (d did not even get stuck in one) and I was relieved to leave Austin unscathed.

KK's experience

I mentioned to him in one of my letters that I was spending Christmas in America with my family. I was due to leave at the end of November 1978 for five weeks. About five days before I left I received a letter from him. In the letter he said he dreamt at a younger woman and her mother were in an apartment in America and no uter door opened and a psychopath wearing a dark blue cost appeared and started to attack the older woman.

The night before I was due to return to prisan I was with my mother and father in their house (the) live in a quiet suburban area) watching television. About II pm the door bell rang. We do have two doors at the front of our house, an outer door and a heavier inner door which my mother went to liverade the door. There was a man with a dark blue coat with an axe—he was a neighbour, returning the see which he had borrowed from my father that



12 May 2005

I had a vivid dream in which a cat had a tennis ball in its mouth. It then became a table tennis ball which it tried to swallow, after which it rolled around in great discomfort. I was trying work out the significance of this the next morning when I saw the above story about a catfish in *The Metro*.



March 2012

Strange dream in which Mari is trying to put a little dog into a letter box. The next morning I'm trying to work out where this dream came from when I noticed the story of a dog in *The Metro*.

May 2013

Strange dream after Esalen meeting about physics and consciousness.

A blue train is stationary at platform.

A red train is approaching at high speed on same line and railway worker in cap in front of blue train is distraught because the imminent collison is his fault.



Where worlds collide

The red train plows into the blue train.

Next morning I see *New Scientist* article about "collision" between quantum theory and relativity theory, illustrated by blue blob being splattered by red blob.

18 December 2015

In the early morning I dream of my former pet dog ("Pup", a white alsatian). He died 42 years ago and I'd not dreamt of him for decades. On getting up, I read emails and found an electronic Jacqui Lawson Xmas card from Rosemarie Pilkington (a member of the Survivalnet group) featuring a white dog. Briji Waterfield has a dream the same morning in which her black dog ("Jesse") turns white and starts frothing at the mouth.



27 December 2015

Another dog dream involving a blue boxer puppy. The next morning I pick up the Sunday Telegraph and the front page features a boxer puppy which had been cloned from a dead dog. When I cut out the relevant part of the page, the back contained the phrase "Dream Bigger" on a blue background — an advert for Virgin Holidays. The dead dog's owner was Laura Jacques (cf. Jaqui Lawson).



