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## A validated account of brain function affords an anthropological perspective, reinterpreting quantum mechanics

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The 'minion', a coiled molecular abacus comprising 1,701 DNA base pairs bound to 189 protein units, evolved to pack chromosomes for efficient replication, explains human intelligence better than 'neural networks'. Its  $18 \times 63$  array of orderly hydrogen bonds connecting amino acids to phosphates stores an 18-character 'word'. Memory recall involves resonance between similar minions, nerve fibres serving as wave guides and synapses as gates. Dynamically, they constitute 18-handed clocks, their time unit,  $\tau \approx 1.4 \times 10^{-15}$  secs, and longest conceivable time,  $63^{18} \tau \approx$  the 'age of the universe' limit our perception. In physics,  $\tau$  replaces Planck's constant. A hyperbolic function, the 'Tyger equation' corrects a wrap-around counting 'error',  $\beta = 63^{-9}$  creating relativity twist perception and conception. Light appears to follow a boomerang-like trajectory, our perception of space is warped, reinterpreting gravity and rendering plane surfaces as spheres. Mathematical logic using 0,  $\infty$  and infinitesimal calculus creates an illusory world model. Familiar situations confirm Einstein's spooky action at a distance. Substituting a set of nine polyhedrons reminiscent of Plato's perfect solids for electron orbitals offers new insights to Mendeleev's periodic table of elements. Protons accelerated by oscillating H-bonds through minion tunnels have sufficient energy to fuse with obstructing nuclei. Perhaps the  $\gamma$ -rays (evidenced by correlations with the periods and frequencies of pulsars) could be harnessed to supply power. Modelling computers and data-bases on minions could create user-friendly interfaces compensating for personality differences and facilitating understanding and agreement.

### Biography

Michael T Deans graduated from Churchill College Cambridge in Natural Sciences, from UCL with an MSc in Biochemistry, programmed an IBM 360 and Commodore PET from the London Borough of Hounslow and his PhD thesis was compiled at King's College Hospital School of Medicine and Dentistry.

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