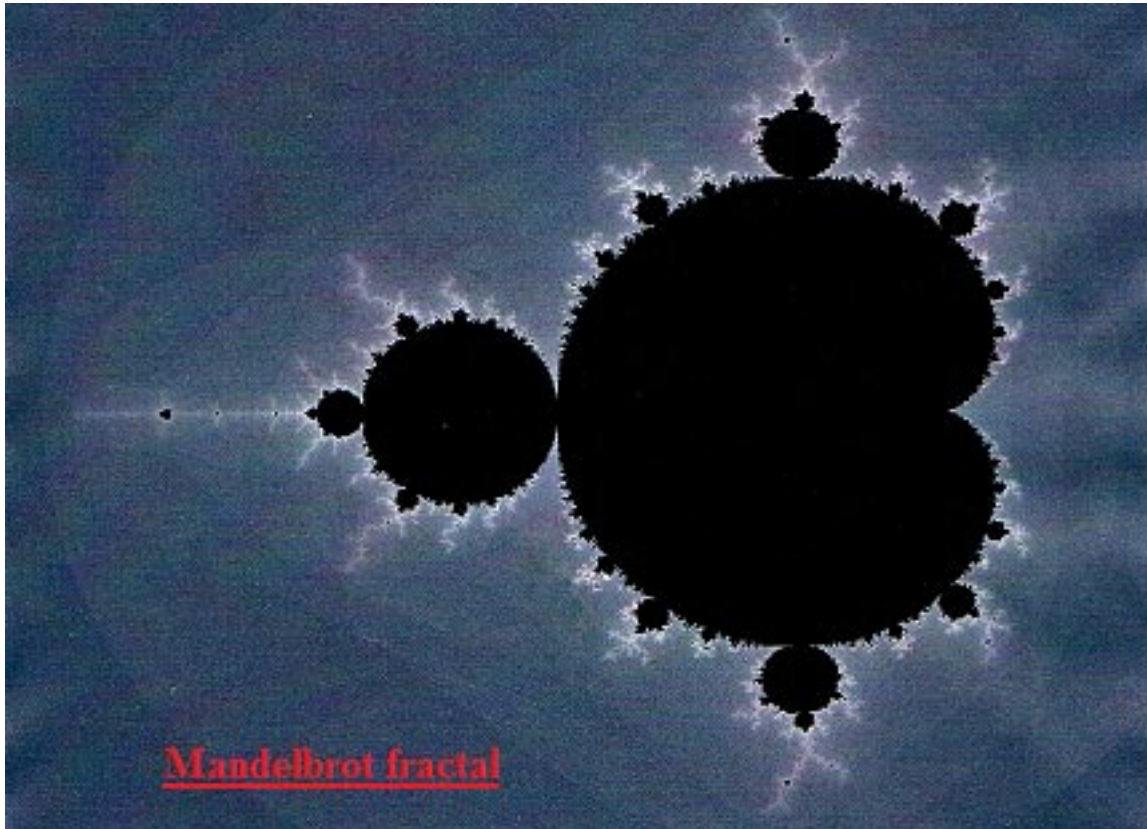


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A DISCUSSION DOCUMENT

In a document entitled Empathic Mind we outlined a concept of consciousness based on empathy that n



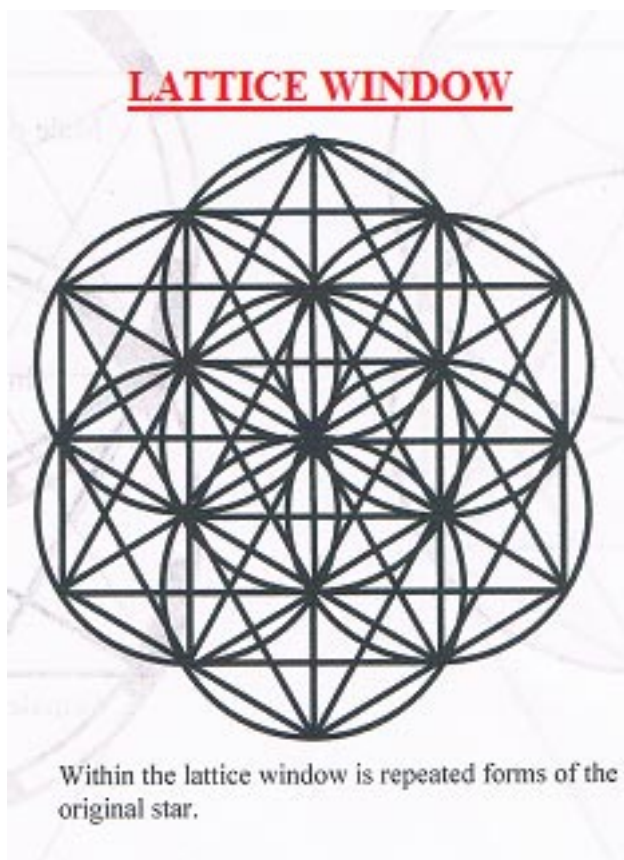
We suggest that a correct definition of mind would be one that encompassed all the above mentioned categories. Mind is the repository of memory, the source of potential experience, the empathic field in which communication of memory and experience flows and the ground or field out of which consciousness, awareness and focussed self awareness would, in their turn, arise. Mind itself would not be conscious, aware or active in any way as that which is infinite cannot be for consciousness requires space/time. In space/time we experience focused consciousness and, through the cloning of the mitochondria, unfocused empathic consciousness; the two together being self aware mind. However, as both of these manifestations of mind are states of activity in space/time and although they both have degrees of memory and can, therefore, act as sources of experience neither of them is mind. Space/time is a relative reality dependent upon an observer and the observer is dependent upon the existence of mind which manifests as consciousness in space/time but is itself non-dimensional. It is the infinite ground or field

which is the repository of all memory and potential experience even though that repository has no awareness. To summarise: we propose that there is an infinite (or dimensionless) field of memory and potential experience out of which rises a field of inter-relationships that we have described as empathic; from this field comes focused consciousness that in turn leads to awareness and self awareness.

This is where fractals become a useful tool of comprehension; they provide insight into a dimension of o

Some fractal researchers suggest that the universe may be understood as being fractal-like throughout.

The infinite Star of David starts out as the basic six pointed star and added to this is an exact but smaller



The Mandelbrot set functions in the same way as the Star fractal but because of its complexity appears to be many different things all at the same time; it even appears to continue growing when one section is dormant. I'm unsure about this latter point but if this does happen then just as with the Star fractal the Mandelbrot loses its infinite nature. The Star fractal is a good example of an infinite field as it is quite easy to envisage but the Mandelbrot is a better example of the infinite field projecting into and manifesting in space/time as particular and focused objects or experience dependent for their existence upon the observer.

Whether we are observing the original Mandelbrot or any of its many iterations, whether we are observing a macroscape or microscale what we are looking at is always the same thing; it may look different but it is not. Whether we are looking at what appears to be coastlines or fern fronds, cloud forms or black holes the actual pattern is always the same and to become aware of this we need only focus in or out of the pattern to find the original image. In doing this we give ourselves examples of how the infinite relates to the finite and vice versa and the way aware observation rises from the infinite field of potential experience and memory.

If we accept the macroscape of the Mandelbrot, of whatever size, as being a plane of space/time in which we move we will see that wherever we begin, our present time and location is exactly the same as any other. We may be experiencing peaks rather than troughs, major triangles rather than minor, we may be internal to the scape or external, but these variations merely reveal that although what we observe and experience seems different, it is so only because of our own observations. As our focus of attention (consciousness) moves through the fractal plane we see nothing more than what we have already experienced. It appears to vary because our observations and location in the plane relative to all other locations vary. As our attention moves we find that whichever location we are at is exactly the same as all previous, it is our own observations that makes the difference; even past and future become irrelevant. It is our contention that self conscious (that which we humans call I) observation scans the one mind field and selects memories and experiences to project into space/time just as our brains scan a fractal and select those portions we will observe in detail.

A fractal universe will not be two dimensional but four to include space and time. It will also be fractal-like

It is said by some physicists that electrons behave as if they are a universal field that collapses to the po

[Return to previous page](#)

