

# Re: Theory of consciousness determining reality

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- *From:* Surfer <[surfer@xxxxxxxxxxxxx](mailto:surfer@xxxxxxxxxxxxx)>
  - *Date:* Sun, 23 Apr 2006 03:39:59 +0930
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On 22 Apr 2006 09:48:25 -0700, [dj\\_barrow@xxxxxxxxxxxxx](mailto:dj_barrow@xxxxxxxxxxxxx) wrote:

Hi,  
I would like to bring to your attention hopefully an interesting theory for some of the readers of this group it's a short read little more than 2 minutes for anyone with a basic grasp of quantum physics, a pdf of the theory can be downloaded from.

<http://www.ariasoft.ie/ebooks.html>

=== Quote from the above link===

The rules of quantum physics dictate that the cat is in a superposition of states, both alive & dead until the box is opened & observed by a conscious observer, this conscious observer by observing causes a "crystallizing of reality" which in quantum physics is called the "collapse of the wave function".

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That idea is now known to be wrong.

The current most widespread view is that the rest of reality is what limits the wavefunction of any particular particle. Only those possibilities are realized that are compatible with the possibilities of the particles around it. Once you get above a very tiny number of particles, the range of possibilities gets more and more limited, until at the macro level you get objects that are virtually unaffected by "quantum uncertainty."

This approach is called "decoherence" and is explained in Colin Bruce's book "Schrodinger's Rabbits" chapter 6, where he also quotes experimental evidence.

In this view, the wave functions of the atoms making up the cat would be continuously localising as they interact with each other. So the cat as a whole would never need to be in a superposition of states and at all times would either be alive or dead, as common sense tells us.

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