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## The Fourth Dimension

Time is as elusive a concept as the human mind is. No one knows exactly what the human mind is. To be sure men of medicine and science have studied and mapped the human brain, just as much is known of the art of watchkeeping. <sup>what is this art?</sup> And while men are able to make remarkably <sup>accurate</sup> ~~accurate~~ timepieces, they still aren't <sup>quite</sup> sure what time is.

<sup>If it is more than an analogy, what is it?</sup> Perhaps the above analogy is more than just an analogy, for mind and time are related because it takes a complicated mind with the quality of self awareness to give meaning to the concept of time. The human mind has been defined as a "sequence of activities" and time can be defined as "an ordering, dividing and measuring of these activities." To give this definition meaning psychologists look at the history of man and his attempts at ordering the activities around him. Man first started to notice that his day (a cycle of being awake and then asleep) was split into a period of dark and light. As his observations became more acute, he began to notice the cycle

of the moon, the progression of the seasons, and the movement of other heavenly bodies. He observed their regularity and relationships with each other. With this knowledge and the insight it brought, he began to divide more accurately the activities he observed.

Thus man gained a concept of time in minutes, hours, days, weeks, months, years, and in doing so encountered the concept of eternity. But while man seems to have a concept of time and we seem to be able to define what it means to us, do we know what time is? I think that instead of a definition of time what is needed is a new concept, that of time as a fourth dimension. To grasp the meaning of this concept we should first look at the three dimensions we already have, those of length, width and depth. They are measurements of space that the "real" objects around us take up. But since space is infinite those dimensions arbitrarily divide the infinite into pieces, just as time arbitrarily divides eternity into pieces. If we look further into the "real objects" around us, we see that they <sup>are</sup> only energy moving in certain orderly ways. And to give them meaning as real objects we must give them a fourth dimension, that of time.

Run-on sentence - unexcusable even in a sentence concerning eternity.

you never explain the genesis of this concept.

good

why does time give them meaning.

4-1 time + space are real objects.  
For these objects are energy "momentarily" (for real objects don't seem to be eternal) engaged in being a certain object - for instance a chair. A chair is not always a chair with length, height and width, but only for a certain period of time.

So in defining any real object we must give it four dimensions, for the energy engaged in the activity of a chair will not always be engaged in being a chair. Thus, time is the fourth dimension of the universe we know, and comes from the awareness that energy changes in its forms. To give the forms meaning as real objects, we must take into account the changing nature of this energy and attempt to order it, divide it, and measure it. <sup>we have</sup> ~~and~~ Thus the concept of time. <sup>wouldn't this hold true for any object, without the qualification real?</sup>

I think this is pretty good Mr. Babel. You describe a good way of getting at the concept of time, and you defend it and clarify it well. Consider what, I think you would call non-real (that is non-spatial) objects as well such as a thought. Is a thought an energy source too? Yet it has a clear measurement of duration in time. Perhaps <sup>you can find</sup> ~~there is~~ a place in your theory for this "non-real" objects too. And clear up some of these small matters like contradictions from your writing.

A-  
B+

