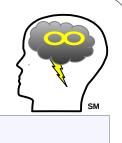
Theoretical.



Space is an Object in Nature A Communication of the Intractable Studies Institute

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SM			SM
Supporting Evidence for Space as a Natural Object.	The kind of thing that	space is:	
Definition: Space = The 3-Dimensional volume with time progression that is a property of, and even the definition of, our natural universe.	 Property of volumetric extension. Property of temporal progression. Property of container of particles. 		
Definition: natural object = something that exists in reality, not an abstraction.	 3. Property of container of particles. 4. Property of container of fields. 5. Property of gravitational wave propagation. 		
1. In the Big-Bang Theory, space initially was very tiny, then expanded. If it is not a thing, how can it expand? Only a "thing" can expand.	 6. Property of warp as gravity around mass. 7. Property of supporting matter-antimatter creation and annihilation. What space isn't: Space cannot be nothing. Space obviously cannot be a particle. 		
2. Albert Einstein said space can warp as the gravitational field of bodies with mass. If space can warp as gravity, then it must be a thing to have that property. If space was no-thing it can't have properties because properties belong only to things or processes.			
3. Gravitational Waves are ripples in space. If space can support a ripple as a gravitational wave, then it must be a thing to have that property. If space was not a thing, it can't have properties because properties belong only to things or processes. It is illogical to say both that space is not a thing, but			[
that space has properties.			Our Universe
4. The String Theory, even though it is theoretical and unproven, models strings as vibrating 1-dimensional objects. If it's a vibrating dimension, it must be a thing. Physicists have difficulty accepting a 3-D volume object can exist when the evidence is all around us, but string theorists accept vibrating 1-D strings exists when there is little evidence of them. The stronger case of existence is for 3-D space object.	Big Bang		very, very early after the Big Bang. If it is expanding, it must be a thing, not a no-thing.
5. The Cosmic Microwave Background Radiation data shows a red-shift in one direction and a blue-shift in another direction. This is evidence of a standard cosmic rest frame, even if locally moving as per expansion or contraction. Such a rest frame is also naturally the cosmic natural dimension rest frame. See the Communication "An Experiment in Relativity: Time Dilation and Space" to find the cosmic rest frame at your locale.			
 6. Fields – If space itself is the fields of gravity, electromagnetic, and charge, then it's a thing to have these properties. But even if space is space and fields are independent in the space, then space contains the fields and thus space is the container. A container is a thing that exists, not a no-thing. 			