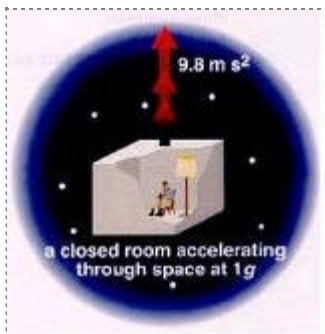


Reversible Elimination of Inertial Mass (REIM)

<https://sites.google.com/site/MaximalSetTheory>

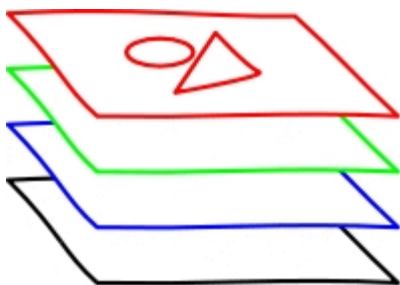
Have you seen the [changing colors](#) of an [octopus](#)? It doesn't have intrinsic color. It is colorless, yet can show *any* color. Pick any *physical* color of the octopus and ask yourself, 'is this *the* color of the octopus?' **YAIN** (Yes And neIN). *Yes*, because every physical color is produced by the colorless octopus. *Nein*, because the colorless octopus does not have intrinsic color. Now think of the *set* of its physical colors -- it is a [quantum set](#) produced by an *unphysical* colorless octopus, due to bootstrapping all colors (set members) into a [quantum set](#), yet the *unphysical* colorless octopus is **not** member of its own 'set of colors', because has no intrinsic color whatsoever: the colorless octopus cannot *in principle* possess any intrinsic color, neither before nor after we measure it ([Schrödinger, 1935](#)). The crux of REIM is about manipulating such unphysical "colorless octopus" *from its source* ("trunk").

The hypothetical *Reversible Elimination of Inertial Mass* (REIM) assumes a new degree of freedom of gravity, which is "removable" with human brains *entangled* with the REIM drive, in such way that the latter can retain its strictly positive mass and energy at every instant 'now' from the Arrow of Space (cf. the red arrow in the drawing below), but will remain in brain-controlled "free fall" and lose its resistance to acceleration (inertia). Although the Arrow of Space cannot be stopped, I suppose one can temporarily switch off particular *wave components* of gravity (see [Fig. 3.2](#) in [Addendum 2](#)) related to Machian inertia produces by '[the whole universe](#)'.



To understand "free fall", check out the explanation of Einstein's Equivalence Principle in [Fig. 1](#). Regarding the "removable" feature of gravity, see an excerpt (emphasis added) from John D. Norton (6 Feb 2012), [What is a four dimensional space like?](#)

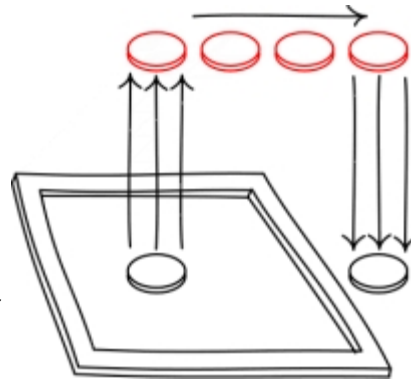
Does the general idea of "lifting" an object into the fourth dimension still seem elusive? If so, here's a technique for visualizing it that may just help. The trick is to imagine that differences in position in the extra dimension of space can be represented by differences of colors.



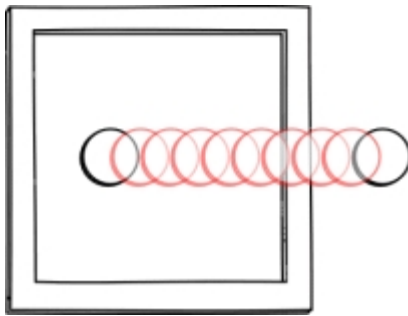
Here's how it works when we start with a two dimensional space and lift into the third dimension. The objects in the original two dimensional space are black. As we lift through the third dimension, they successively take on the colors [blue](#), [green](#) and [red](#).

Now let's apply this colored layer trick to the earlier example of lifting a coin out of a frame. The coin starts in the same

two dimensional space as the frame. We lift it up into the third dimension into a higher spatial layer that we have color-coded red. In this higher layer, the coin can move freely left/right and front/back without intersecting the frame. We moving it to the right until it passes over the frame. Then we lower it back down outside.



Now imagine that we cannot perceive the third dimension directly. Here's how we'd picture the coin's escape. It starts out inside the frame in the space of the frame. It is then lifted out of the frame into the third dimension. At that moment, it is indicated by a **ghostly red** coin. Its spatial (and temporal - D.C.) position in the left/right and front/back direction has **not** changed. All that has changed is its **height**. It is now in the **red height** layer. If we move the coin left or right, or front and back, in this red layer, it no longer intersects the frame and can move right over it. We won't see it move over the frame, however. As far as we are concerned it will just move *through* it (Sic! - D.C.).



What will happen to a coin if it can be "**lifted**" in the **red height** layer? Coin's location in spacetime will **not** change, and we won't see it "move over the frame". We will only see its *remnant* in "free fall", because its inertia will be moved "over the frame". The direction "over the frame" is the **w**-axis of the Arrow of Space above.

But how do we *entangle* our brains with the coin, so that we can move it with/by our *intention*, just like we move our thoughts? Can't do REIM only with the *physical* presentation of the coin (recall the failure of "**breakthrough propulsion physics**" at NASA).

Think of the **Platonic idea** of a coin *per se*. It belongs to the unphysical ("colorless") *potential* reality, and can be manifested with many words, say, Münze (German), muntstuk (Dutch), sikke (Turkish), uhlamvu (Zulu), etc. The coin *per se* is UNSpeakable, so we can *entangle* it to our brains and "lift" it in the **red height** layer *effortlessly*, just like we move our thoughts. The physical coin will always follow the unphysical ("colorless") coin, which is know since 1911. It is also conjectured that the underlying phenomenon in Nature is the production of positive mass during the Arrow of Space (cf. **Addendum 2**), and REIM explores the *alteration* of spacetime metric due to "negative mass" stored as unphysical *potential* reality, which produces **accelerated displacement** of positive mass in any spatial direction chosen by REIM operators, in violation of Newton's third law and without limit. Presumably, REIM is implemented in Alien Visiting Crafts (AVCs) with **spacetime engineering**. In summary, let me suggest that REIM can be fully reproducible **quantum-gravitational phenomenon**. Only the mathematical formalism of Maximal Set Theory is still unknown, which is reflected in "the worst theoretical prediction in the history of physics!" (Wiki).