Item #: SCP-255

Object Class: Keter

Special Containment Procedures: Research concerning SCP-255-A is to be monitored by Foundation agents throughout the world. Upon locating individuals suspected of working on SCP-255-A, the Foundation is to use whatever means judge necessary to

Description: SCP-255-A is an anomalous property of matter and energy, known as "reality". Quantified using a dimensionless value, reality defines a physical point's ability to interact with others. Matter or energy with different reality levels will express none of the 4 fundamental interactions or any other force with respect to each other regardless of their other properties. This includes, but is not limited to, the strong force, the weak force, the gravitational force, the electromagnetic force, and [REDACTED]. This implies that matter with a reality level of 50 will not interact with electromagnetic waves of level 36 reality value, and will simply go through this matter, ignoring it. However, as demonstrated by SCP-255-C-1, interaction between matter and energy with different reality levels is possible under certain conditions.

Universes can therefore be defined: the level N universe is the set of all energy and matter featuring a level N reality value. Due to the fact that reality cannot be defined as a set of discrete values, but only as a continous function, it is currently assumed by the Foundation that there is an infinity of overlapping universes, each with their own matter and energy. Current technology measured the reality level in our universe to be equal to 0. Universes are defined by the U(X) notation, where X is the universe's reality level. Our universe is therefore defined as U(0).

SCP-255-B is the set of all anomalies linked to a reality level superior to L, L being the Airy-Braum constant currently approximated to 13.17824. Universes from U(0) to U(L) are consiredered non-anomalous, while universes outside this set are considered anomalous.

SCP-255-C-1 is used to designate a 36x36x145cm reality alteration device recovered along SCP-255-C-2 in 1922 in the city of [REDACTED]. SCP-255-C-2 is a 1477 pages non-anomalous hardcover book of unknown origin, written in German, containing information regarding the operation and maintainance procedures of SCP-255-C-1, as well as information regarding trans-universal interactions.

SCP-255-C-2 contains an important extract, translated here, reffering to SCP-255-C-1.

All the universes I've studied are isolated from each other, as if there was some kind of "shield" protecting them. Interaction between them is possible if we break their shields. And I did. Interaction with reality $3.56 \sim 3.57$ matter is now possible from our reality thanks to the device.

SCP-255-C-1 analysis has proven that the device is indeed altering the reality level of nearby matter and energy. Electromagnetic waves as well as matter in a radius of roughly 1.8m will slowly disappear to universes between U(3.56) and U(3.57), with rare exceptions of U(3.55) and U(3.59) transfers. It is unknown how SCP-255-C-1 remains unaffected by those effects.

Disassembly of the device has resulted in the discovery of the main component, the "core", a 13.6mm cube seemingly made of [REDACTED], as revealed by mass spectrometry. The core cannot be disassembled, doesn't seem to require any outside energy, and as of today, cannot be turned off.

Due to the nature of SCP-255-C-1's core, the SCP-255 team's current efforts are shutting down the device and preventing more matter and energy from exiting our universe.