## Center of the Universe Located by Triangulation of NASA Data

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The physics of light restricts the parameters of one's view. Recognizing such restrictions limits one's inference. Prior to Deep Field South results, one had less restrictions than now. With both results in hand, the position of the viewer is greatly limited to that of a central position in our Universe. - As noted by NASA: "Though the field [deep] is a very small sample of the heavens, it is considered representative of the typical distribution of galaxies in space because the universe, statistically, looks largely the same in all directions." - These isotropic North/South views are only possible with a very slow moving Earth located next to the epicenter of the Big Bang. The Very Well Scrubbed NASA's seven year accumulation of CMB Data is not homogeneous, but has a unique geography. NASA's overall results have remained the same noting that every CMB point is unchanging; the composite study is like a unique fingerprint. As a result of this work, each point on the CMB sphere can be catalogued; characteristics and coordinates noted. With this information in hand one may use these points in locating earth vis-à-vis the technique of triangulation.

## 1. Introduction

In physical cosmology, the **Copernican principle**, named after Nicolaus Copernicus, states that the Earth is not in a central, specially favored position. More recently, the principle has been generalized to the relativistic concept that humans are not privileged observers of the universe. In this sense, it is equivalent to the mediocrity principle, with important implications for the philosophy of science.

In modern physical cosmology, the **cosmological principle** is the working assumption that observers on Earth do not occupy a restrictive, unusual or privileged location within the universe as a whole, judged as observers of the physical phenomena produced by uniform and universal laws of physics.

The following quote of Dr. Richard Feynman came from a PBS program, showing him describing to his class how to look for a new law of physics:

"First you guess. Don't laugh; this is the most important step. Then you compute the consequences. Compare the consequences to experience. If it disagrees with experience, the guess is wrong. In that simple statement is the key to science. It doesn't matter how beautiful your guess is or how smart you are or what your name is. If it disagrees with experience, it's wrong. That's all there is to it." [1]

This paper on triangulation presents all the evidence / experience necessary to destroy the **Copernican / cosmological principle** using Richard Feynman's above study approach, and complements my prior presentations at the NPA [2-6].

## 2. Triangulation

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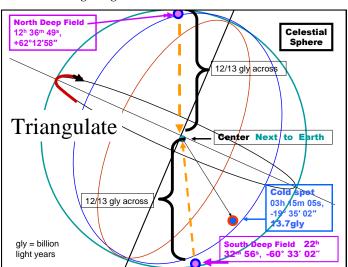


Fig. 1. The view from Hubble Space Telescope

Add the coordinates of the Eridanus Cold Spot in the CMB [along with The Very Well Scrubbed seven year accumulation of NASA's CMB Data whose overall coordinates have remained the same noting that every CMB point is unchanging.] The composite study is like a unique fingerprint. As a result of this work, each point on the CMB sphere can be catalogued; characteristics and coordinates noted. With this information in hand one may use any of these points in locating earth vis-à-vis the technique of triangulation.

Next we note that Dark Energy can be as identified as easily as fire, light, energy, gravity, etc. by noting their respective effects in natural world as follows: Considering that virtually all atoms were created during the Big Bang era, we must analyze what functions they participate in.

First when one strikes a match, light/photons escape at the speed of light without acceleration from these ageless atoms. Under proper conditions just a handful of U235 atoms when smashed destroy cities, and properly assembled form stars. To do both drive light /photons and destroy cities can only be with a huge power supply. We must note that Einstein's equation  $E = mc^2$  goes both ways, as demonstrated in the atomic bomb and at Stanford Labs in '97.

Noting Earth's near central location via triangulation in our Universe and the attributes of atoms one can come to a clear conclusion that Dark Energy fills all of space and was the fuel consumed in the Big Bang Explosive Conversion of dark energy into matter as demonstrated by Stanford Labs.

Making all this possible is ignoring the many unverified assumptions made between 1915 and 1933 by contemporaries of Einstein. Details are available at my website [7-9].

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