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**The Core of Earth
and
The Aztec Calendar**

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The Core of Earth and The Aztec Calendar

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Scholars are uncertain whether the Aztec Calendar, *La piedra del sol*, was acutally a calendar for reckoning time, or whether it may have served some other yet unknown purpose. From my studies, I have become convinced that the Aztec Calendar reflects knowledge about spacetime; in fact, very advanced knowledge. So much so, that the knowledge that the Aztec Calendar may enshroud might possibly be knowledge that humankind is just coming to know at this stage of our development on Earth.



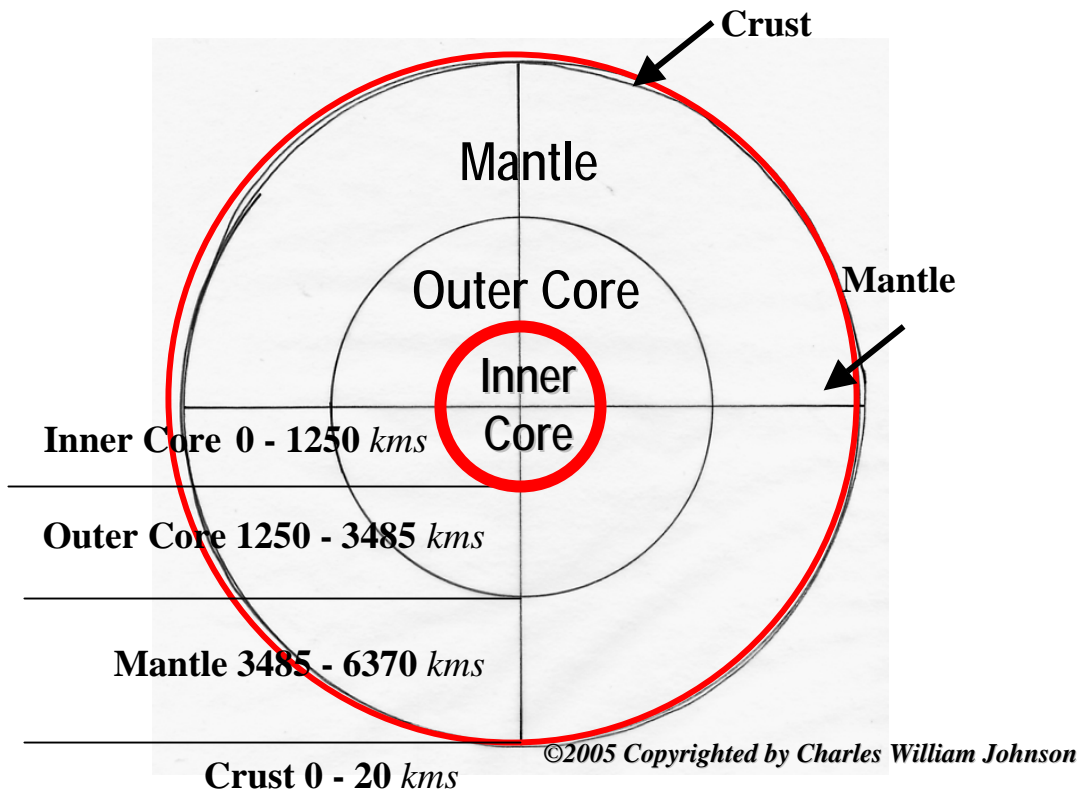
In my book, *The Aztec Calendar, Math and Design*, I analyze the internal design elements of the Aztec Calendar in relation to ancient reckoning systems and their historically significant numbers. The knowledge that pertains to astronomical data regarding the revolutionary movements of the planets in the solar system seem to obey those same design elements. Also, the rotation of Earth's orbital timing is also relational to the design elements of the Aztec Calendar. The days, weeks, months, years and larger time cycles, like that of the precession, may be compared as of those design elements on the calendar.



In this brief essay, I explore the relational design in the spacing of the concentric circles of the Aztec Calendar to the depth of the different layers of the Earth's core, mantle and crust as they are known today. I consider the information and data offered today about the various layers of the internal structure of the Earth, as projected by today's scholars. The possibility that the Aztec Calendar reflects different levels of spacetime, i.e., forms of matter-energy, in an analytical symbolic manner should not be surprising. In ancient thought, in rebus writing, it was well established that one event could multiple meanings, depending upon relationships to context.

The general data available today regarding the internal composition of the Earth are reflected in the following numbers, that reflect the depths of the Earth's inner and outer cores, its mantle and crust.

Inner Core	0 - 1250	<i>kilometers</i>
Outer Core	1250 - 3485	<i>kilometers</i>
Mantle	3485 - 6370	<i>kilometers</i>
Crust	0 - 20	<i>kilometers</i>

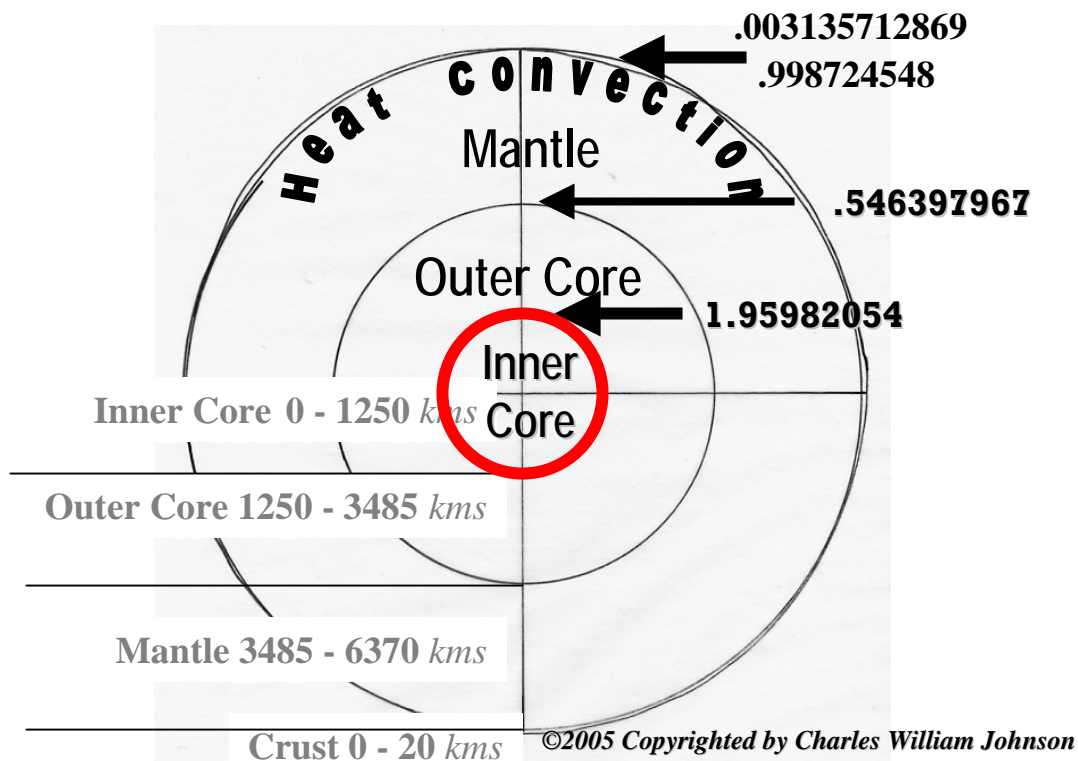


The illustration is to scale in relation to the Earth's inner core, outer core and mantle, the crust however, would barely show on the circle, so I have exaggerated it a bit. A classic example to emphasize the size of the Earth is to imagine a steel ball with a 12-inch diameter, breathe onto the ball's surface and note that the moisture left by one's breathe would be the depth of the space within which we live on the surface of the Earth. I cannot draw such a relationship, but only ask that we imagine it theoretically. Imagine the ratio of the crust to the Earth's equatorial radius:

$$20 / 6378.135 = .003135712869$$

Let's do some math. The bulge at the Earth's equator constantly varies slightly. Its equatorial diameter is around **12756.27** kilometers, with its equatorial radius thus being **6378.135** kilometers. Now, divide the maximum depths of each inner layer of the Earth by its radial measure:

Inner Core	1250	divided by radius 6378.135	= 1.95982054 Reciprocal = .5102508
Outer Core	3485	divided by radius 6378.135	= .546397967 Reciprocal = 1.830167862
Mantle	6370	divided by radius 6378.135	= .998724548 Reciprocal = 1.001277081
Crust	20	divided by radius 6378.135	= .003135712869 Reciprocal = 318.90675



Compare the ratio of the outer edge of the inner core, 1.95982054 with the ancient Nineveh fractal number 1959552:

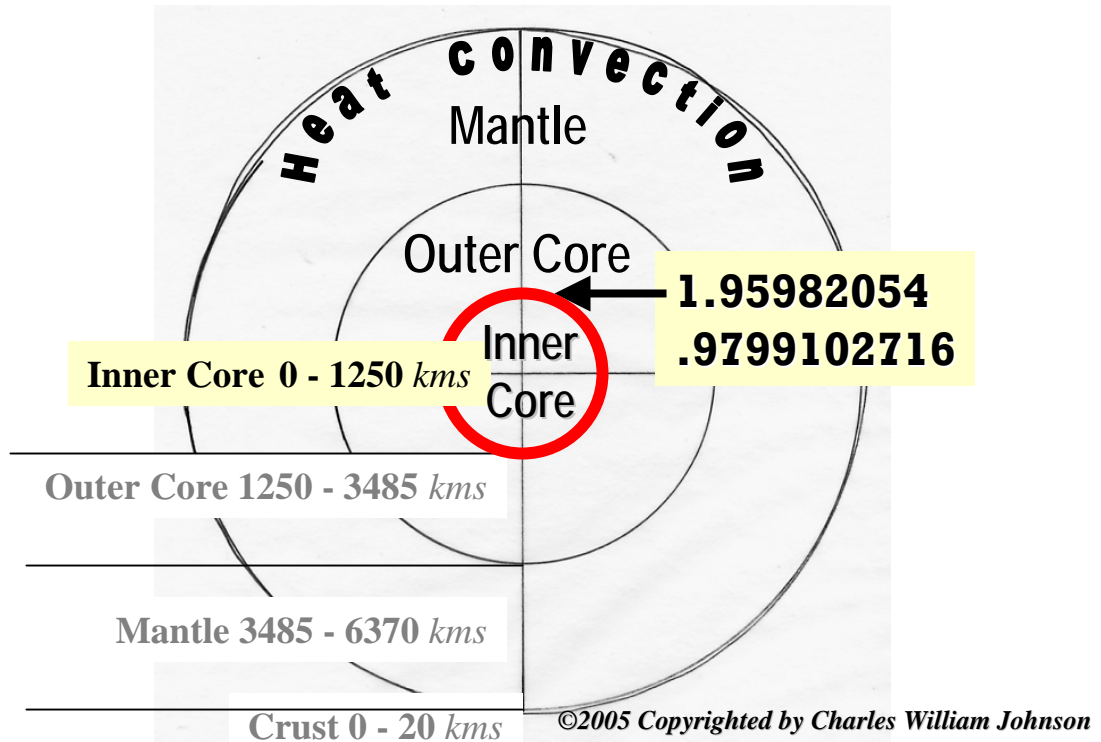
1.95982054 minus **1.959552** equals **.00026854**

Could the ancients have had a more precise measurement?

The ratio of the outer edge of the Earth's inner core to the radius of the Earth:

1.959820543 halved equals **.9799102716**
 which is similar to a fractal expression of
 the surface gravity of
 Earth

9.798 m/s²



Fractal $9.799102716 / 9.798 = 1.000112545$

$9.799102716 - 9.798 = 1.102716$

.551358

.275679

.1378395

Reciprocal **7.254814476**

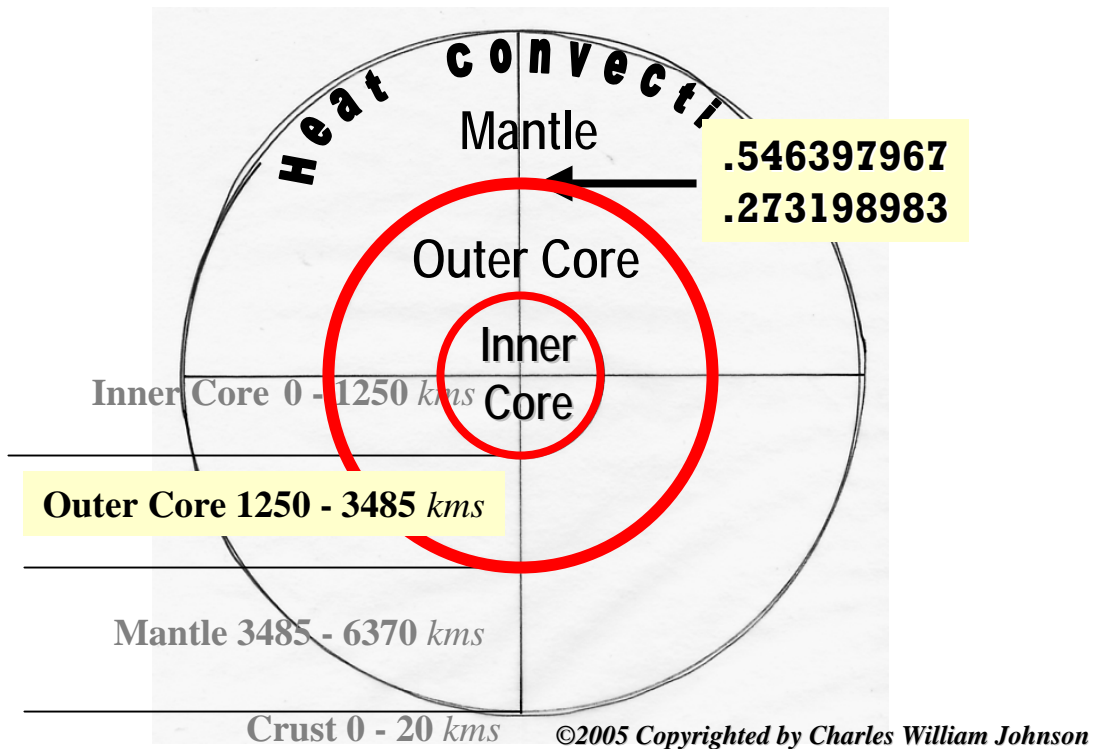
In my book, *Particle Mass*, the Earth/matriX numbers show that the
 particle mass of a proton is **725.492561em**

The ratio of the outer edge of the outer core of the Earth divided by the radius of the Earth yields the following:

$$3485 / 6378.135 = .546397967$$

.546397967 divided by 2 equals **.273198983**

A fractal expression similar to the 273.16 triple point of water



The thermodynamic temperature scale is 373.15 k for the boiling point of water, and 273.15 k for the freezing point of water.

$$1 / 273.15 = .3660992129$$

$$.3660992129 \times 3485 = 12.75855757 \text{ [near the 1250 kms which represents the outer edge of the inner core.]}$$

$$\text{Now, } 6378.135 / 3485 = 1830.167862 \text{ (radius to outer core edge)}$$

$$1830.167862 \times 2 = 3660.335725 \text{ fractal}$$

Now, compare the ratio that concerns the outer edge of the mantle, 6370 kilometers divided by the Earth's radius:

Mantle 6370 divided by radius 6378.135 = .998724548

.998724548 halves down to...

.499362274

.249681137

.124840568

.0612420284

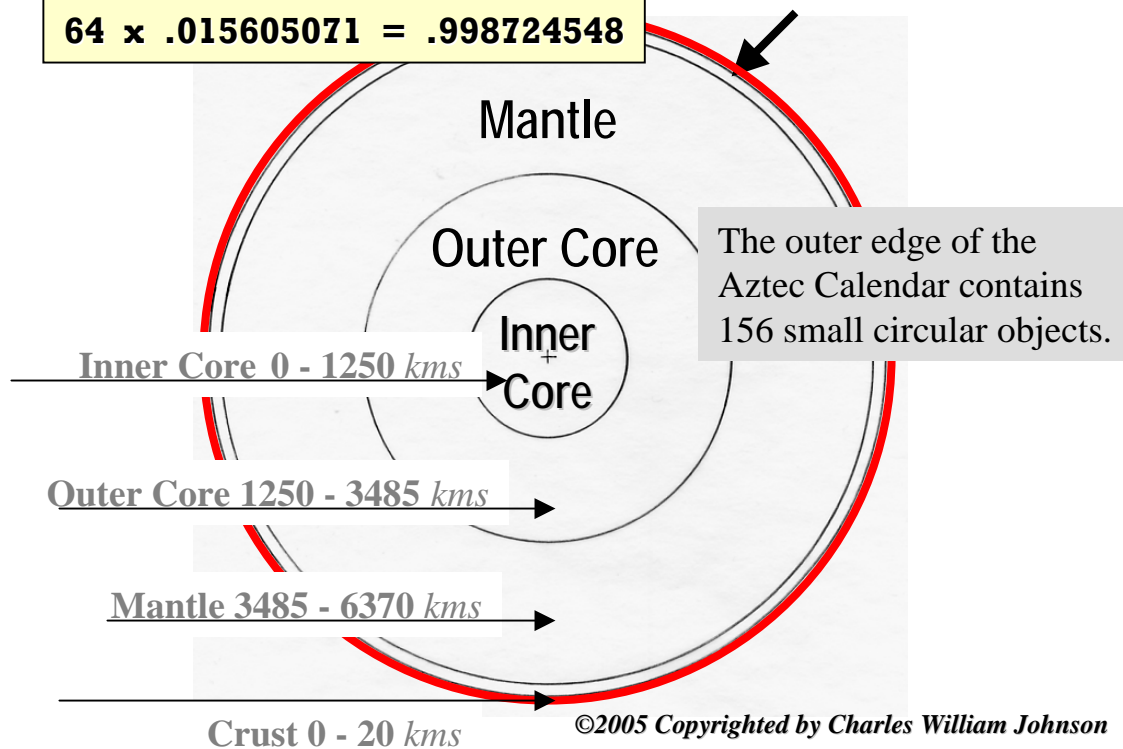
.031210142

.015605071

The ratio of the Earth's crust to the radius of the Earth's radius represents a multiple of

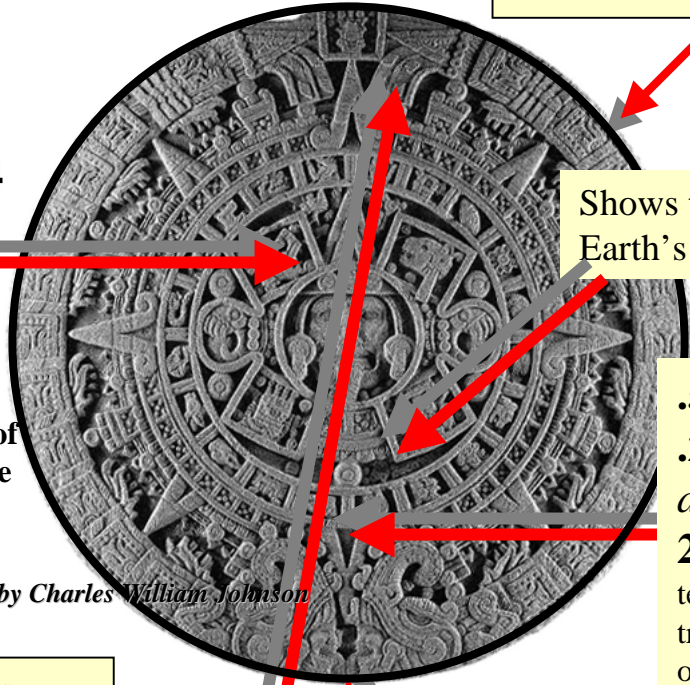
.015605071

64 x .015605071 = .998724548



On the outer ring of the Aztec Calendar, there are **156** small circles, in two groups of 78. It is a well-known fact that the ancients preferred to compute in whole numbers with remainder math.

If the Aztec Calendar also reflects knowledge about the internal make-up of the Earth, its respective layers of matter and energy, then it may have been a *geophysical device* for computation; not only one for the reckoning of astronomical time.



On the outer ring of the Aztec Calendar, there are **156** small circles.

Shows the ellipse, the Earth's oblateness.

.546397967
.273198983
and/or
273.16 K
 temperature triple point of water, lies between the day-glyph and quinquex rings.

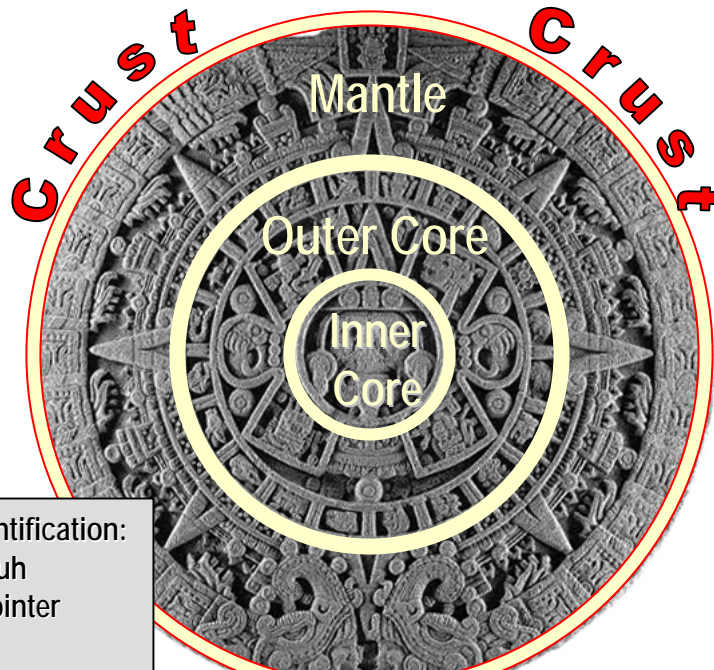
1.95982054
and/or
1959552c
Nineveh
 lies between the concentric ring of Tonatiuh and the pointer.

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Crust 0 - 20 kms
 Remember, the ancient reckoning system of Mesoamerica was a 20-base system.

Such a possibility in the interpretation of the Aztec Calendar, then, would establish the possibility that the upper and lower "entrances" to the calendar represent the subduction zones of the Earth, where tectonic plates meet one another.

As the rings corresponding to the internal composition of the layers of the Earth's core are placed over the Aztec Calendar, the relation to the design of the concentric rings becomes evident. The inner core thus corresponds to the central figure of Tonatiuh, who is generally said to represent the Sun. However, in my previous analyses of the Aztec calendar, I have shown how the central figure may also be interpreted to represent the Earth from a distinctive perspective. The outer edge of the Earth's outer core is then corresponding to the significant circle of the day-count on the Aztec Calendar where it meets the ring of the



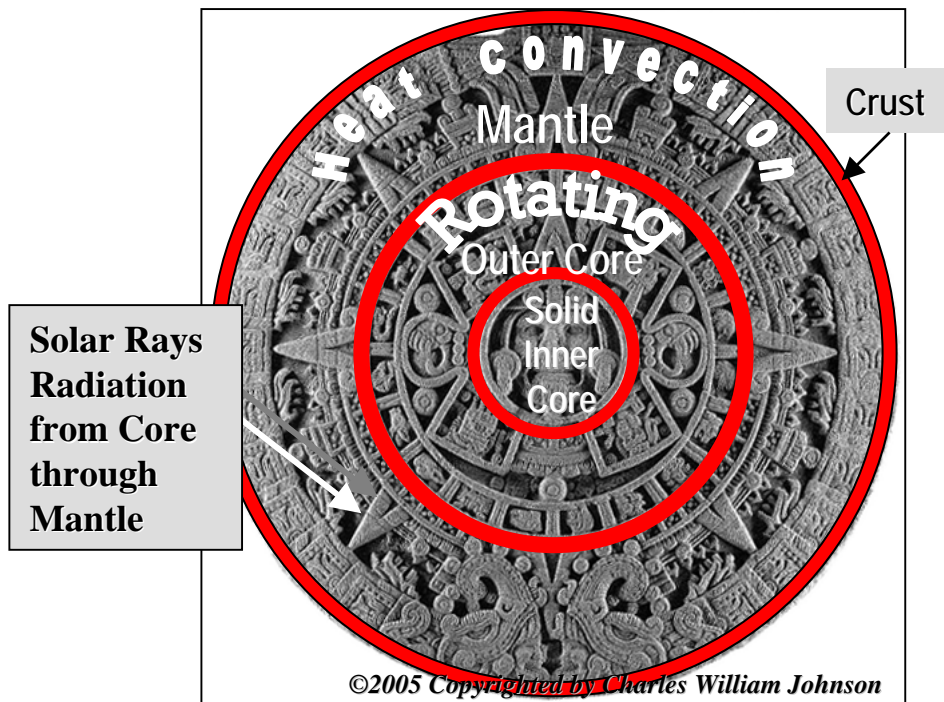
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Traditional Identification:

- Ring 1 Tonatiuh
- Ring 2 The Pointer
- Ring 3 Days
- Ring 4 Quinquences
- Ring 5 Feathers
- Ring 6 Chalchihuitls
- Ring 7 Drops of Blood
- Ring 8 Flames
- Ring 9 Two Serpents
- Ring 10 156 Small Circles

quinquences. And the outer edge of the mantle and the inner edge of the Earth's crust meet the outer edge of the ring of serpents and the inner edge of the ring with the 156 small circles, which adorns the outer edge of the Aztec calendar.

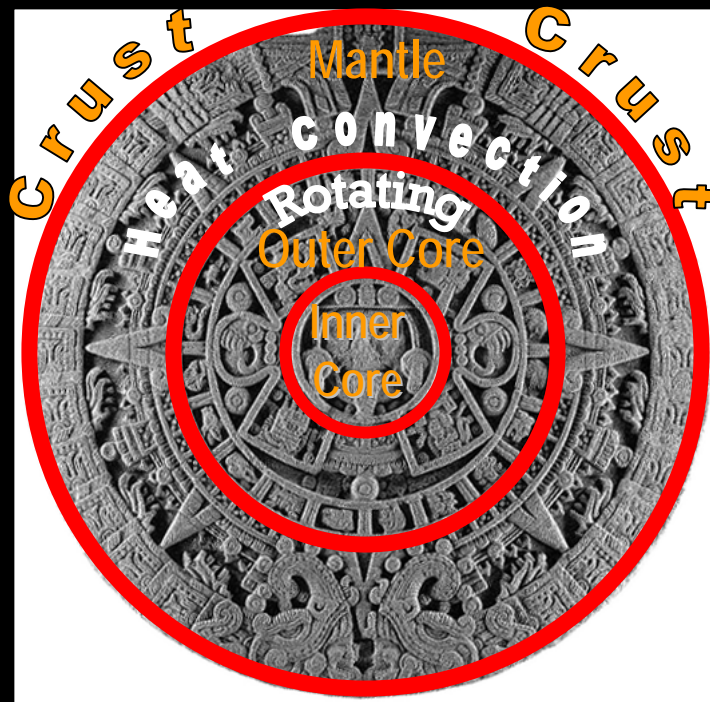
As I gaze upon and compare in my mind the activity that is said to go on at every level of the inner Earth, the symbolism of the Aztec Calendar appears to convey those same/similar kinds of activity. The stillness of the 156 small circles adorns the outer edge of the calendar. The flames and sectional design of the serpents run along the mantle's outer edge where heat convection swirls are generally placed. The pointer seems to reflect the rotating movement of the outer core, and Tonatiuh witnesses the strength and firmness of the solid inner core.



The solar rays of the Aztec Calendar, in this context are placed right where one would expect the internal radiation of the Earth's inner and outer cores. Just beneath the heat convection of the flames and the sectional elements of the ring of serpents, the solar rays project outwardly towards the surface of the earth.

To suggest that the ancients just happened to have designed the Aztec Calendar nearly exactly to the *scalar proportions* of the internal structure of the core of the Earth by accident, seems untenable to me. The conscious design of the Aztec Calendar is evidently based on advanced knowledge about spacetime/motion.

The internal structural design of the elements of the Aztec Calendar are in congruence with the internal structure of the Earth as theorized by today's scientists and scholars. In fact, the design of concentric rings is in accordance with the internal structure of the planet Earth, as it is with that of the structure of the solar system. Obviously, one can employ the design of concentric rings (be they ellipses) for either level of analysis, as this is not simply a theoretical reflection, but rather a reflection of the formation of matter-energy in spacetime/motion.



The Aztec Calendar as the Core of the Earth

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