



Research article



## GENESIS 1 & ANCIENT NEAR EASTERN COSMOLOGIES

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### ABSTRACT



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Ancient Near Eastern peoples knew far more about cosmology than previously thought and they recorded it in their architectural wonders, their etymology, and their sacred works. In Genesis they recorded earth, air, fire and water, all which can be analyzed using the latest physics which I called Astrotheology. There are some calculations here which only require high school mathematics and basic calculus to understand. The ancient people knew this mathematics. Of course, the question that comes to mind is how did people as far back as the Minonians (4000 BCE) know this mathematics and corresponding cosmology? Were they visited by orbs? After reading this paper, you'll know that ancient Near Eastern people's cosmology deserves respect. It is arrogant of modern man to think we knew more and discard books such as Genesis that has a lot to teach us.

**Keywords:**

*Cosmology, Etymology,  
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## Introduction

Ancient Neolithic people were the first to do farming and animal husbandry. It is therefore thought that led them to the notion of creation from a seed, including the Universe. The first record of the creation ‘myth’ is by the Egyptians and the Mesopotamians. According to Brandon, it is not sure who was first.

The Indians were the first to have the aether. Ether is a component of Astrotheology (AT). The Hindus believed that the universe was divine and that their universe was cyclical. So did the cultures of Egypt, China, Babylon, and ancient Greece according to Jaki. He calls them “still births of science”. [4] pg5 Jaki figures this is why the Western civilization went ahead of the rest.

It was in fact in the West which learned from these ancient cultures. And it was the rediscovery and translation of ancient texts that led to the Scientific Revolution in the 17<sup>th</sup> century.

Ted that water encircled the universe, above as well as below. Genesis 1:2 “and the Spirit of god hovered over the waters.”

Nun was considered by the Egyptians to be a divine being. Nun=noon=Sun=fire.

Now the Pyramid text 1040 a-d contemplates a primaeval was of waters...the verb kheper=heap. “It could mean to be born, to come into existence, or to exist, to be existent. It is therefore what we would call God.

The order of creation in Genesis is

- Spirit
- Waters
- Light
- Day/night
- Sky/vault
- Land and sea. Etc.

The Egyptians introduce ATUM (=Adam)born on a hill (heap)in Heliopolis (Sun=Re=fire) This heap evokes the Stoic notion of the Sontes paradox (or soros paradox) which asks, Whebn does a grain of sand become a heap?

$M=1/81=0.012345679$  At 8 does the mass become a heap. God set the sabbath on the 7<sup>th</sup> day.

$1/G=7(\text{Pi}-1)$

$G=6.67$  (Necessary for Creation of the cyclic universe as per the Big Bang Theory and Hinduism. The Hindu’s also don’t believe in a personal God, but rather that the universe is



God. Indeed, the Bible records in Acts 17:27 that In Him we live and move and have our being. The Stoics also believed that God permeated the physical universe.

“So important is this primaeval hill in the process of creation Atum himself was actually equated with it.

$$t^2-t-1=M=\ln t$$

$$2t-1=1/t$$

$$t=1$$

$$M=\ln 1=0 \text{ Spirit world immaterial}$$

It was at this place [primaeval hill] that the divine creator, who had himself emerged from Nun took his stand and began his work.

Atum (Adam) is regarded as “he who exists himself.” Heliopolitan that were faced with the task of explaining how Atum began his work of creation.

Ata, and Eye (Eve) had a primaeval pair of a son and a daughter, whereas in Genesis, the pair were Cain and Able. Able was a homebody and mama’s boy whereas Cain was a hunter. In a previous paper, I suggested that Crete was the site of the Garden of Eden, and that Cain was banished to the Upper Nile. Heliopolis is in Cairo at the mount of the Nile River.

Spo the following evokes the four elements :air (Shu) , fire(Heliopolis=Sun), water (Tefnut)and Earth (Geb).

Genesis relies on these four fundamental elements as well.

Now the Book of the Dead which dates from 2000 BC, Atum declares “ I am Atum when I was alone in Nun.” Recall Genesis: and the spirit of God hovered over the fluids. “I am the great god who came into being by himself.” Egyptians had monotheism.

The Egyptian god Re is the son of God. Re is fire or the divine fire as the Greeks would say. Nun proceeds Atum=Re or noon which precedes from fire. In the beginning God...

So we see that the earliest record of creation was the basis that Moses used when writing the Torah. Moses (1450 BC) would have known AT Math as evidenced by the creation of the sabbath  $M=1/81=0.012345679$  Moses had Adam as progeniture of the human race, but no as God. the Egyptians had Atum as god.

Monotheism was invented by Moses in 1450 BC. It was not the Egyptians nor the Babylonians. Moses was the author of the Tarah, including Gensis 1. According to priest-physics, SL Jacki, “Genesis 1 is already put in a category of its own compared with other ancient cosmogonies...” Moreover, that systemic character culminates in another feature, namely the resting of God on the seventh day, a feature also totally absents in other cosmogonies. [ 1] pg 8 Jaki continues, “Some see the reference to the mystical sea-monster Rahab a backlash to primitive Hebrew thought still not entirely monotheistic.[1] pg 11,



The four elements were not known in Greece until Thales (7<sup>th</sup> C BC) or Empedocles (c 450BC) However, Hinduism knew them in 1500 BC in the Veda, about the same time as Moses.

What about the ancient Greeks?

The Stoics were a school of Greek Philosophy around 300 BC, same time as Aristotle.

...the Stoics agree with Aristotle, and most other ancient philosophers in thinking of the cosmos as spherical with the more divine heavens surrounding an earthly realm. They accept a system of four elements [M=4] air, Earth, fire, and water. And like Aristotle, they assume these are “continuous” [M=Ln t] ... (like the atoms of Democritus and Epicurus). [1pg 70]

Thus the Stoics find much to agree with in Aristotle’s physics.

...for the Stoics, long ago, the cosmos consisted of nothing but divine fire....in which all there was wisdom [GMP] and there was no evil. Our world emerged from this state when the fire condensed into the other elements and transformed into the earth below and the heavens above....The Stoics believed the cosmos will revert to, nothing but fire.... its original state in a so-called “conflagration” when it will be consumed in fire and be reduced, or rather increased to nothing but fire.

The Stoics posit that our cosmos is surrounded by an infinite emptiness—a void. ....for Aristotle, the cosmos is a finite sphere ... [1] pg 70

$$\text{Air} = \text{Void} \quad s=0=t \quad M=\text{Ln} \quad t=\text{Ln} \quad 0=-\text{infinity}$$

$$\text{Earth} = \text{sphere} \quad \text{Vol} = \frac{4}{3} \pi R^3$$

$$\text{Vol} = \frac{4}{3}(\pi)(44.3)^3 = 364 = \frac{1}{275} = \frac{11}{4} = t/M$$

$$ME = t = e^M$$

$$\text{Ln}(\text{Met}) = M = \text{Ln} \quad t \quad \text{Continuous function}$$

$$T = \text{Met}$$

$$ME = 1$$

$$M = 1/E = t$$

$$M = t$$

$$PE = KE \quad \text{Conservation of Energy}$$

$1 \times 0$  is not equal to  $0 \times 1$  ie They don’t commute.

Yields GMP

$$T^2 - t - 1 = E$$



Fire =  $O_2 = M=32 \times 6.022=192.7$

$T=e^M=e^{1.927}=1.216 \quad ++> (1/Pi=t=nu$

Water =  $H_2O = 18 \times 6.022=108.396$

$M=Ln t$

$T=e^M=e^{108.396}=119=$ Periodic Table of the Elements

$1.216+119=12.0216 \sim$ Carbon =12.011 Conflagration

Genesis 1 (Christian community Bible) written by Moses 1450 BC

1 • 1 In the beginning, when God began to create the heavens and the earth, 2 the earth had no form [PLATO'S FORM] and was void; darkness was over the deep [FFLUID] and the Spirit of God [WIND=AIR=PNEUMA] hovered over the waters [FLUIDS].

3 God said, "Let there be light"; and there was light [FIRE] . 4 God saw that the light was good and he separated the light from the darkness. 5 God called the light 'Day' and the darkness 'Night'. There was evening and there was morning: the first day.

6 God said, "Let there be a firm ceiling [DOME=SPHERE=EARTH] between the waters and let it separate waters from waters." 7 So God made the ceiling and separated the waters below it from the waters above it. And so it was. 8 God called the firm ceiling 'Sky'. There was evening and there was morning: the second day.

9 God said, "Let the waters [WATER] below the sky be gathered together in one place and let dry land appear." And so it was. 10 God called the dry land 'Earth', and the waters gathered together he called 'Seas'. God saw that it was good.

So Moses could have believed in the four elements. Indeed Mass  $M=4$  in Astrotheology.

James Henry Breasted considered Akhenaten to be the first monotheist and scientist in history. In 1899, Flinders Petrie wrote:

If this were a new religion, invented to satisfy our modern scientific conceptions, we could not find a flaw in the correctness of this view of the energy of the solar system. How much Akhenaten understood, we cannot say, but he certainly bounded forward in his views and symbolism to a position which we cannot logically improve upon at the present day. Not a rag of superstition or of falsity can be found clinging to this new worship evolved out of the old Aton of Heliopolis, the sole Lord of the universe.<sup>[17]</sup>



Miriam Lichtheim describes the hymn as "a beautiful statement of the doctrine of the One God."<sup>[18]</sup>

Wikipedia: Great Hymn to the Aten

Aten (Adum=Adam) is the Sun. The Sun god was Re in Egyptian writings. It was written at the era as Moses: middle if the 14<sup>th</sup> century BC. Moses (1450 BC) referred to Adam as the first man in Genesis, of course. Aten is the first monotheistic god. Therefore, it was the Egyptians, not the Jews who were the first to discover monotheism. The comparison is made between Aten and Psalm 104 in the Hebrew Bible. The Hebrew Bible is monotheistic. Everything in the Bible is monotheistic. The Hebrew scriptures rely on Egyptian Cosmology from the very beginning, the Torah.

Of course, Moses, in his writing of the Torah, relied on the Babylonian Epic "Emuma elish" for the Hoah's Ark Deluge Story. According to Jaki, "the Jews and the Babylonians may have merely added their own touches on the same creation and flood storey." [1] pg 12

cosmology cos / log

logos= $t^2-t-1=E=0=M=0$

c=chronology

s=space

m=mass

y=ee=energy, potency

for the  $1-1-\sqrt{2}\Delta$

cos  $\theta=t/E$

$t=\cos \theta \times E$

$E=G$

$F=Ma=MG$

$M=\cos t=Ln t$

sin  $\theta=\cos \theta$

sin  $45^\circ=Ln t$

$t=Ln t$

$M=t$

PE=KE Conservation of Energy



$$\int 1 = \int dM/dt$$

$$t = M = 1$$

$$t^2 - t - 1 = E$$

$$1^2 - 1 - 1 = -1 = E \Rightarrow t = 0 = M \Rightarrow \text{In the beginning God}$$

$$PE = M = Mc^2$$

$$c^2 = 1 = t$$

$$(s/t)^2 = t$$

$PE = 1/c^2(1/c^2) = 1/c^4 = 1/81 = 0.012345679$  God rested on the eight day. The Jewish sabbath. Since it was Moses who introduced the **sabbath**, and it was not the Egyptians nor the Babylonians, it shows that Judaism was the first culture to have AT Math.

Moses was educated in the Egyptian Pharaoh's household where he would have learned Egyptian cosmology. . So he must have added monotheism to Judaism.

$$dM/dt = 1 \times 7 = 7$$

From the ln function for mass

$$1/G = 7\Delta t$$

$$1/G = 7(\pi - 1) = 1/6.67 = t =$$

Clement presented a functional program of witnessing in thought and action to Hellenistic inquirers and Christian believers, a program that he hoped would bring about an understanding of the role of Greek philosophy and the Mosaic tradition within the Christian faith. According to Clement, philosophy was to the Greeks as the Law of Moses was to the Jews, a preparatory discipline leading to the truth, which was personified in the Logos.

Saint Clement of Alexandria | Biography, Apologist, Works, & Facts | Britannica

The Logos is a rational principle or AT Math.

**logos**, in ancient Greek philosophy and early Christian theology, **the divine reason implicit in the cosmos**, ordering it and giving it form and meaning. Although the concept is also found in **Indian, Egyptian, and Persian** philosophical and theological systems, it became particularly significant in Christian writings and doctrines as a vehicle for conceiving the role of Jesus (Logos | Definition, History, & Facts | Britannica.)



John Napier, a Scottish Protestant who had a privileged education was a alchemist (precursor to Chemistry  $M=Ln t$ ), a Physics and an Astronomer was thought to have discovered the logarithmic function. In fact, he rediscovered them from his studies in math, physics astronomy, and biblical studies, particularly of John. Interesting that genetic is proving that the Scots are of Jewish descent. Of course, John’s Gospel begins with the (log)os. In the beginning was the logos....

Now the Garden of Eden had four rivers: The Nile; the Tigris and Euphrates,; and the Ganges. These river communities were the Egyptians, the Persians, and the Indians who all had the logos. Where did they get it?

Their religious myths explain it. The Minoans (4000 BC) were seafarers. They travelled the world and with them came Astrotheology. The ancient people of the four rivers would have seen them as gods coming from the sea. That is why their creation myths involve the waters or fluids. It was an attempt to explain where these gods -the Minoans- came from.

The Minoans made an axe from their knowledge of mechanical advantage. [5] The Sumerians have a poem that “continues the fruits of Enki’s[Mesopotamian god), among which notably are the two essential elements of Mesopotamian economy, namely the pick-axe and the brick mould.” [3] pg 79.The Minoans’ seen as gods by the ancient people, may have brought the axe to the Persians. The Minona’s were trading Amber as early as 1785 BC. This predates Moses by 340 years. It may have been a similar thing as the Spanish invading the Aztec Empire. The Aztec’s adopted the religion of their invaders.

Since Enki , the god fashioned by the Minoans to the Sumerians was actually the third god of Sumer, then it makes sense that cosmology did not originate in Mesopotamia but rather in Egypt or in Minoa.”Enki’sn pre-eminence asv a creator and culture hero is curious since he ranks third in the Mesopotamian pantheon.[3] pg 80 the Babylonian E(num)a elish [=Inumma; Nun], but there is scarcely any evidence of its existence in Sumerian Mythology.

	Minoan =M	MAH=HME
	Atum =A	
Hebrew = Is/Ra/El =Monotheism	H=Hebrew	Ea=Ae
Minoan/Egypt / Hebrew		
Minoan	H=Hebrew	Ea=Enki=Sumerian
El/Is/ He =	M=Minoan	Ae=Assyrian-Babylonian
Hebrew/Minoan /Egyptian	E=Egyptian	
Persian= AlAh=Alah		
	H=Heliopolis=Egyptian	
Ra/H/Ab =Polytheism	Ra=Re =Sun God=Adum=son of god	
Egyptian/Egyptian/Abel	Abel=Abal=Baal =Seth (European Christian)	
Egyptian	Cain=Kein=Enki=5400 BC of Eridu ,Sumeria	

Figure 1 The Anceint Near Eastern God names and how they are related.





...we must briefly consider the question whether those people [Phoenicians=Minoans] who inhabited Canaan or Palestine before the Hebrews effectively settled themselves there possessed any cosmogonic traditions, since it is now known that there was much intermingling of the two peoples and the Hebrews absorbed much of the culture of their predecessors.[3]pg 119

So, the Book of Genesis is not purely Hebrew from the hand of Moses, God's servant. Genesis 1 is made up from Minoan, Egyptian, and Mesopotamian creation stories. In effect, Genesis is a hybrid of the cosmogonies from surrounding cultures from India to Crete. From Egypt to Persia. It was the best they could do at the time. It would have been the most advanced science of the day. They are all based on Astrotheology since they borrowed from one another. Translation of the Ugaritic Tablets comes next. The Canaanite or Phoenician (Minoan) Ugaritic chief god was named El. He has the title "ad adm" (=Father of Adam =Father of Atum=Egypt). [3]119

The Egyptians had Adam (Adam)Re was the son of the creator. The Indians (Hindus) had the Universe as Divine. Or God. Moses had Adam as the first human being and made God as the creator. Moses got this cosmogony from Egypt. The Egyptians may have gotten it from the Minoans who later became the Philistines. The ancient Greeks got their cosmogony from the Egyptians. If the Egyptians were correct, the Garden of Eden was in Heliopolis (Cairo). The garden may also have been on the Island of Crete. The Minoans or Cretans could have interacted with Moses prior to the exodus.

European Christians descend from Seth and are the descendants of Noah, thus of Adam and God. The Africans descend from Ham, and the Asians descend from Japeth.

### References

- [1] Adamson., P., Philosophy in the Hellenistic & Roman Worlds. UK: Oxford UP. 2015.
- [2] Jaki, S.L., Genesis 1 Through the Ages. UK; Thomas Moore Press: 1992.
- [3] Brandon., S.G.F. Creation Legends of the Ancient Near East. Great Britain: Hodder and Stoughton. 1963.
- [4]. Verschuuren GM., The Myth of an Anti-Science Church. USA" Angelico Press. 2018.
- [5] Paul T E Cusack\*. Minoans and their Mathematical Physics. J Anthro & Archeo Sci 8(1)- 2023. JAAS.MS.ID.000280.

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