

ALCHEMY AND CREATIONISTS

Especially Christians are frequently portrait as believing in outdated beliefs for instance alchemy.

What is alchemy :The medieval forerunner of chemistry, concerned with the transmutation of matter, in particular with attempts to convert base metals into gold.....
(most dictionaries)

Of importance, is the fact that it was a forerunner of chemistry. In ignorant societies certain chemical reactions will create an impression of “magic”.

The most important reason for studying alchemy was to discover a way to change common substances into gold and silver. (trying to create a Midas touch)

Is alchemy possible? Think carefully.

Is the synthesis of precious metals possible? (is one of the important expectations of alchemists possible?)

Wikipedia’s answer: “The synthesis of precious metals, a symbolic goal long sought by alchemists, is only possible with methods utilizing nuclear physics, currently involving either nuclear reactors or particle accelerators. Since particle accelerators require huge amounts of energy while nuclear reactors produce energy, production methods using a nuclear reactor are considered more economically feasible. Often the goal of synthesis is to produce an element at a cost significantly less than the standard methods of production. Recovery of rare elements from spent fuel rods is also anticipated to help offset the cost of reprocessing.”

The fission reaction of Uranium135 produces 0.1% of non radio-active silver.

A synthetic element is a chemical element that does not occur naturally on Earth, and can only be created artificially in particle accelerators and nuclear reactors . Also part of a type of alchemy , only by another name.

Atheists regularly compares theistic beliefs to beliefs in alchemy. Referrals by theists to Newton’s theistic beliefs is usually answered with a remark “but Newton also believed in alchemy”

Comparing theistic beliefs to alchmy in not a valid arument agains God’s existence.
Alchemists still exist ,they are now known as nuclear physicists.

Creation:

What is creation: The action or process of bringing something into existence.
(Most dictionaries)

Create : (the verb to create) The action of bringing something into existance

Cause (something) to happen as a result of one's actions.
(Oxford and other dictionaries)

Creativity :

The use of imagination or original ideas to create something; inventiveness:

(Oxford dictionaries)

Creator :

A person or thing that brings something into existence.

(Oxford and other dictionaries)

Creationist:

A person who believes that the universe and living organisms originate from specific acts of divine creation, as in the biblical account:

(Oxford dictionaries)

Isn't the last definition an attempt to be "politically" correct ?

In keeping with the previous definitions of creation , the definition of a creationist should read:

Creationist : Someone who believes in the existence of a creator . Somebody that believes in the creative ability of humans is also a creationist.

The idea of solid state eternal not created universe is outdated. The 'big bang' brought the universe into existence. Believing in the "big bang" is believing in a creation. All believers in a 'big bang' are therefore creationists. (Although most atheists will deny and try to falsify my reasoning !)

The "big bang theory" was in its original stages severely criticized by most atheists . The belief in a multiverses, quantum vacuums , parallel branes(Steinhardt ,Turok universe) etc. are nowadays popular atheistic beliefs , but impossible to prove.

Does Lawrence Krauss or the other modern theoretic physicists know more about quantum physics than Werner Heisenberg and his contemporaries? The only difference being the discovery of more subatomic particles, BUT the the new subatomic particles also behave according to Heisenberg's predictions,

Heisenberg's conclusions about God ""

Der erste Schluck aus dem Becher der Wissenschaft führt zum Atheismus, aber auf dem Grund des Bechers wartet Gott."

The first gulp from the mug of Science lead to atheism but God waited at the mug's bottom.
(A more literal translation)

“The first gulp from the glass of natural sciences will turn you into an atheist, but at the bottom of the glass God is waiting for you.”(the usual English translation)

Heisenberg in letter written to Einstein during 1927 : “We can console ourselves that the good Lord God would know the position of the particles, and thus He could let the causality principle continue to have validity.” Einstein believed in strict causality till the end of his life. While the uncertainty principle and quantum mechanics can't identify a cause or effect (the effect can be the cause or vice versa) Quantum mechanics made Einstein's beloved causality principle is baseless . This led to Heisenberg's remark:
“We can console ourselves that the good Lord God would know the position of the particles, and thus He could let the causality principle continue to have validity.”

Do you still think that modern physicists know more about quantum physics than Heisenberg?

Werner Heisenberg (1901–1976) was awarded the 1932 Nobel Prize in Physics “for the creation of quantum mechanics, the application of which has, inter alia, led to the discovery of the allotropic forms of hydrogen.” In 1927 Heisenberg published the famous *principle of uncertainty (indeterminacy)* that bears his name.

The principle of uncertainty forms the foundation of quantum physics.