

The World did not fall together by random chance.

The likelihood of the coordination of many physical constants favorable to the sustainability of life is simply too negligible to be taken seriously by a rational person.

I am a rational thinker. I investigate things. I am a computer programmer. Every day, all day, I solve logic puzzles. If I get them wrong, I don't get paid. That is my job. I should trust a medical doctor for health care. You should trust me for logic.

When others make a decision and the results are not as expected, they can blame any number of factors because their logical method is not scrutinized. I do not have that luxury. My logic is methodically, mechanically, and uniformly scrutinized by an unbiased machine. I am unceremoniously and definitively informed if I am right or wrong every time within seconds. I learn correct method systematically.

I make life decisions based on cold hard facts; and numbers inform me of their import. Most find it difficult to trust numbers. Taxi drivers often set a goal for their daily income from fares. When they reach it, they quite for the night. That is a perfect example of living heuristically instead of rationally. On a night when fares are easy to come by, they quite early. On nights when fares are scarce, they work late. That is the opposite of what they should do. When fares are plentiful, a driver should work as long as possible. When scarce, quitting early costs little. I live by the numbers. So I don't see random chance as a reasonable explanation for the forces of nature to be so favorably coordinated with each other.

There is one other possibility to consider. That of a multiverse. However the rogue universe refutation removes that possibility for a rational thinker. Many many different universes each with different permutations of the laws of physics would be required to give rise to life in one of them. It is the laws of physics in our universe that cause time to be linear and forbid actions in our universe from effecting other parallel universes and universes that came before us and after us in time.

If the laws of physics are truly reshuffled randomly for every universe, then at some point one of those universes will have laws of physics which are favorable to life. But for the same reason, it is also inevitable that a universe will arise with just the perfect reshuffling of the laws of physics to make it destructive of all universes everywhere and for all time, even destroy for ever the mechanism which gives rise to new universes.

So, if you are reading this, we can not be living in a multi verse where the laws of physics are truly random. But we could still be live in a multiverse where some design or arbitrary constraint on the forces that generate new universes favor life but that puts us right back to where we started when we posed the multiverse in the attempt to explain a universe by random chance alone.

No matter how we slice the pie a rational thinker is stuck with the extreme likelihood of a design or plan or arbitrary purpose imposed on the universe.

There is nothing in the laws of physics which precludes an intelligent and purposeful Creator. While not precluding it, that does not in any way prove it. This leaves us with a simple question. Which is more likely? The infinitesimal chance of a random coordination of the laws of physics or purposeful intent?

If we choose the rational answer, we can rely on two implications of that answer. This creative force must have enough power to control all the matter and energy in the universe. Philosophers usually refer to that as omnipotence.

This creative force must also possess enough desire or intelligence or understanding to arrange an effective coordination of the laws of physics, such that the same four forces of nature can simultaneously sustain the nuclear furnace of a star, the orbital mechanics of a solar system and impart the rare qualities of carbon atoms which allow them to operate genetic machinery and sustain life. This is a remarkable feat engineering and emergent math that is still beyond our level of technology. This engineering and designing of emergent rules is mathematically similar to a “one way hash function” and “factoring the product of two large prime numbers.” We still can’t do that. Philosophers usually refer to that level of understanding as omniscience.

If we are dealing with an omnipotent and omniscient creative force, the question of transcendence arises. Does this Creator wish to reveal Himself to His creation or not?

If not, there is nothing we could do to prove anything about Him. But if He does wish to reveal Himself, not finding any message or communication of any form from Him, does not prove He does not exist. However, finding a communication in the form of a simple document containing a message written in a reasonably understandable language of sufficient complexity to explain the Creator’s wishes and contain information which can be used to verify its authenticity. Such as accurate information which was not known until after the message’s existence. This simple form of communication is what we might expect of an omniscient and omnipotent Creator.

If we found that, we can calculate the probability that it is a message from the Creator.

There is just such a document.

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What is the mathematical probability that the Hebrew prophets, above the claims of all others, accurately describe mankind's relationship with the Creator? What He expects of us and why? Or that a Creator even exists? How does one calculate this probability?

If there is a Creator and He expects something of us, what is our best course of action? Ignore this possibility? OR Calculate the probability that a particular articulation of His expectations (such as the Hebrew prophets) is true? Not just that we are "a good guy" Maybe He isn't looking for "good guys." What are His expectations exactly? If there is a Creator, when we stand before Him, explaining to Him what WE THINK He expected of us, might not go over so well, especially so if we willingly ignore this study.

I am a rational thinker. I am a computer programmer. Every day, all day, I solve logic puzzles. If I get them wrong, I don't get paid. That is my job. I should trust a medical doctor for health care. (incidentally, a medical doctor found that I was NOT a danger to my self or to others) You should trust me for logic.

When others make a decision and the results are not as expected, they can blame any number of factors because their logical method is not scrutinized. I do not have that luxury. My logic is methodically, mechanically, and uniformly scrutinized by an unbiased machine. I am unceremoniously and definitively informed if I am right or wrong every time within seconds. I learn correct method systematically.

Consider these two examples:

If one accurately predicts eight coin tosses out of ten, what is the probability that he will accurately predict the eleventh?

Is it 50%? Because every toss is 50% No, that does not account for the likelihood that he knows something about the coin being tossed or the circumstances of the toss that we don't know. Which is strongly suggested by his 80% correct predictions. Only 4.4% probability by random chance alone. Very likely, he knows something we do not.

Is it 80%? Because his track record is 8 out of 10, 80% No. That implies that if he accurately predicted all ten out of ten, he must have a 100% chance of predicting the eleventh which is patently false. That is the same fallacy of that since there is a 50% chance of tossing heads, two tosses gives a 100% chance of at least one toss being heads. Wrong! Two tosses actually yields only a 75% chance of tossing heads at least once.

In fact, it is 95.6% probable that his eleventh prediction will be correct. If he had predicted all ten, the probability of him correctly predicting the eleventh rises to 99.902%. The calculation lies in finding the number of combinations of all possible permutations in which he may have been correct by random chance alone.

Second example:

We all believe that the earth revolves around the sun, and that the moon revolves around the earth. The earth has an opposite relationship with the sun as with the moon. Yet we observe both the sun and the moon rising in the east, moving through the sky in like manner and then both set in the west both in about twelve hours.

How is it that we believe the earth has an opposite relationship with the sun and with the moon while we clearly observe identical behavior? Why do you believe it? I know why I believe it. I have calculated the probability that it is true, given only observation with my unaided eye. No telescope, no measuring instruments at all. AND I did not take the word of an astronomer. I calculated it myself using the exact same math as for tossing a coin. It is 99.9997% probably true.

Why do you believe? Because that's what you've been told all your life? Why do you believe astronomers? Because you've been told which ones to believe and which not?

If you can't calculate the probability that you are correct, you are just guessing.

If these two examples get your attention for even a moment, then carefully consider this:

Moses correctly stated the earth's true geologic formation. The very first chapter of Moses' first book claims the earth was first completely submerged by water, then land emerged, then phytoplankton appeared (plants,) then sea creatures, then land creatures, then at very last, man. Every ancient creation myth gets the order wrong. But not Moses. Moses knew not only the true order of events 4,000 years before modern man did, but also which events were important. How did Moses know that?

It took mankind 250,000 years to figure out the connection between hygiene and disease. "What possible connection could there be between eating food with dirty fingers and disease????? Two completely different, unconnected processes!!!!" Or so mankind thought for hundreds of thousands of years. It was not until the black plague of Europe and Asia that mankind figured out we should wash our hands and not poop in the streets. Today, we take this knowledge for granted, but that is only because we have been taught all our lives the truth Moses knew all along.

Yet 4,000 years ago Moses wrote, "wash your hands and don't defecate in the village, but do your business outside and bury it; and you won't suffer the many diseases that your neighboring nations suffer." How did Moses know that? Does Moses know something about life or the circumstances of our existence that we don't?

The exact same mathematical method used to calculate the probability that someone knows something about a coin that we do not, and can therefore accurately predict the eleventh coin toss can be applied to the things Moses knew, that we do not. (Trust me. I do this for a living.) The probability Moses is right about everything he says is greater than 99.999 999 999%

Given Odds like that, a rational thinker has only one choice. Forget heuristics and follow the numbers.

Heuristic selection of wine or choice of vacation is great. Just don't use heuristic thought to make important decisions.

Moses gives instructions and explains that if a civilization adopts them the nation will experience abundant life. But a civilization who refuses to adopt them, will inevitably suffer many problems and ultimate, inexorable failure. Even individuals in such rebellious societies who attempt to follow the instructions themselves can enjoy a modicum of success, but will not escape the fate of the doomed civilization.

Moses explains race relations, gender relations, economic policy, international policy, civil justice, selection of civil leaders, taxation, dietary and clothing instructions which bring peace, security and prosperity to all.

Moses' instructions on economic policy and taxation are extremely unpopular in modern western culture.

Modern western culture finds Moses' instructions on race, gender, civil justice, and selection of leaders reprehensible and repugnant. "Incompatible with western culture" is the phrase used by academics.

Any civilization that fails to embrace Moses' instructions is inevitably destined to fail. Modern western culture is no exception to this. No one needs do anything. And Moses teaches they should not. Let it fall under its own weight. Or to quote "Leave them to die in their sins. Vengeance is the Lord's" The pain and suffering of catastrophic failure seems to be the only way most can learn.

Moses claims the Creator designed the world, biology and our own psyche to thrive under these instructions. Ignoring them is swimming upstream for all your life.

It is the height of arrogance and hubris to assume the creature knows more than the Creator about creation.

I feel very sorry for anyone rejecting Moses' instructions, especially so, if they are in a position of leadership or public trust or influence others or make decisions which effect the lives of others. They will not be held guiltless. Not even their natural death will release them from their debt.