

LAW OF PHYSICS

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We have a new law of physics by Farid Chouery

“To every load or weight there is a unique deflection curve”

Presenting: we live in a unique universe,

God created everything special and all behaves uniquely. When we press on something the curvature is unique. We should find beauty in everything and feel privileged to live in this universe.

What is the meaning of a unique deflection curve?

In mechanics one can easily find there are no two sets of loads that give the same deflection curve. So for an example one can clone a DNA for sheep but the behavior would not be the same. Thus, they possess a different soul and spirit. This is similar to identical twin they possess a different soul and spirit. You may look at a bouquet of flowers and say they are all the same roses but in reality they are not each possesses a different curvature. It is no matter how you express mathematically the deflection curve for the same load the curvature would be the same because it is unique and that bring us to a unique universe. How about our existence? It can be easily concluded that we are all unique and should not have a low self esteem but very high self worth. There are none alike; we are too valuable to ourselves and to each other. Galileo showed the earth is not center of the universe and Man used to have great self esteem thinking we are in the center of the universe. So self esteem was taken away from us at that time and now it is restored and will never be taken away from us. Now we say I am something I am dynamically unique since every minute 30,000 cells change in my body. There is only one me in the entire universe.

How about replicating deflection curves in the universe? If so then these criteria must be met

- 1- Topography must be the same to have the same gravity
- 2- Gravity must be the same or the mass composition below the beam must be identical
- 3- Gravitation influence from the universe from all stars and planets to the beam must be the same
- 4- Temperature must be the same
- 5- Exact location of the load on the beam must be in the same location
- 6- Beam shape must be identical

¹ Quote and text are from an upcoming book by Farid Chouery copyright 2011 “We went to the Moon but we did not solve the ancient bow and arrow problem”

- 7- The beam span must be identical
- 8- Beam composition must be identical
- 9- The loads mass must be identical
- 10- Beam Reactions must be in the same place
- 11- Beam Slope must be identical
- 12- The atmospheric pressure must be identical
- 13- There should be no vibrations, the Universe has to stand still no Super Nova effect, the wind has to stop blowing the tectonic plates has to stop moving, no volcanic activity, no cars moving, no breathing because of vibration presents different deflection in the vibration gradient in each beam. Even if it happens the gravity is not the same
- 14- The residual gravitational force from any star or planet has to be the same
- 15- Magnetic field to match
- 16- Electric field to match
- 17- Contact shear must be the same underneath loads and reactions
- 18- Add your criterion

So one can easily conclude that is impossible to replicate deflection curves in the Universe. From an engineering perspective one can say they are close enough but from philosophical perspective they are not the same, and how about the deflection point distance when surveying a distance? That presents a problem because the measured distance will vary in two locations points by the number of atoms at the tip. Having the same distance is not likely but probable in the universe with low probability number.

From this law of physics we can conclude every human is unique in the entire universe. But every minute 30,000 to 40,000 skin cells change in the body so we not only unique we are dynamically unique. All life is dynamically unique.

One may call that the universe is at random. That is not possible because even at randomness one could not get everything to be unique and that proves the existence of a creator that is so jealous of His work that wants everything to be unique. What it means is that God has a data base that can tell the number of hairs on your head and has His Hand on everything. Some people says that the universe is unique is a given but now we have a proof to confirm our intuition.

I do not think there will be a time where human would say I think I understand what is happening in environment or the universe. What the bleep do we know?

Three conclusions we can observe from the current universe:

- 1- We must live forever and have a new body to occupy the universe
- 2- God has to be with us physically to tell us what to do
- 3- Only trusted people can occupy the universe – The instability hypothesis: instability always happen from small things.

Proof of unique deflection:

The Law: To every load there is a unique deflection curve.

We will investigate a beam

First of all if one changes the beam composition or geometry to produce the same deflection curve then the beams are already unique in materials. That is understood in universe to have uniqueness in materials. It is possible to have a close enough behavior with two different compositions by making $P_1/EI_1 = P_2/EI_2$ in a beam with a point load at some distance from the reaction. But to match it identically that would be impossible for lack of matching too many parameters such as gravity, vibration, location of load, temperature, slope, shape, composition of materials etc.

We will investigate two beams with a point load and try to match small deflection with the point load in a different location having the same composition.

Two beams of distance L with a point load in the center and one at b distance at the other.

Deflection 1: $P_1 x(3L^2 - 4x^2)/48EI$

Deflection 2: $P_2 b x (L^2 - b^2 - x^2)/6EIL$

Where EI is the elastic modulus and moment of inertial, $x > b$ or $< L/2$ and P_1 and P_2 is a point load on each beam.

This must happen for every x. To match, make x cancels out by letting $P_1 = 2b P_2 /L$ then when cancel and solve for b the result is b must be L/2. And thus $P_1 = P_2$

If the load is not at the center the result is the same and the solution is the loads and location will also be identical. So you cannot have two sets of load at different location with the same deflection curve.

Now every load can be decomposed to point loads thus it is true for any load. If it is not a beam or a mass of material with variation it can be done with a free body diagram. Large deflection gives identical solution. If the beam is inelastic or plastic similar proof can be obtained following the stress strain curve of incrementally elastic. And the law is universally true.

EVERYTHING IS UNIQUE AND LOVED BY GOD (Genesis 1:1-31)

PRAISE GOD – Read Psalm 139:13-16

Since everything God created is good, we should not reject any of it. We may receive it gladly, with thankful hearts. (1 Timothy 4:4)