

# MOON'S ORBIT UNSTABLE!

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Orbits Not Stable.

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Sir Isaac Newton, the world's greatest physicist ever, said that orbits are not stable. Recall that it was Newton who gave us the LAWS of motion and the LAWS OF GRAVITY.

He developed calculus and used it to describe orbits mathematically. Orbital instability was not a problem for Newton, because he believed that God maintained the moons and planets in their steady courses.

Divinity Dismissed.

Today, God has been excluded from science, and because no Natural force can be found that will stabilise orbits, their instability is not discussed.

In fact, planets and moons are now described as having stable orbits! That this is untrue has been shown experimentally by the behaviour of our man-made satellites.

A Balancing Act.

Keeping these satellites in orbit is like balancing a broom stick on the palm of your hand.

You have to keep your hand moving, because there is no stable position in which the broom stick will stay.

The balance must be MAINTAINED. In similar fashion, to "balance" a satellite, its trajectory must be routinely adjusted to MAINTAIN the orbit.

Fuel Load.

A whopping 80% of the precious payload weight of man-made satellites is fuel which is used to power little rocket engines. These are employed to juggle the satellite back into orbit when it strays.

This fuel will last about ten years, after which the satellite drifts out into space, or drifts in and burns up in the atmosphere.

Instability Experimentally Proved.

No man-made satellite, no matter how carefully placed in orbit, has ever been stable in its orbit. Not one. Ever.

So that the INSTABILITY of orbits has been proved experimentally and is a scientific LAW. The "balance" of orbits

must be maintained to keep the orbits STEADY.

### Orbits Are Steady, But Not Stable.

Take our Moon for example. Just how steady, how well maintained, is the unstable orbit of our Moon?

Well, the very best scientific evaluation says that the Moon is MOVING AWAY from us at the rate of  $1\frac{1}{4}$  inches a year. That is only 3.2 cm!! What a tiny amount!! But how is it measured?

### Momentum Calculations.

The inch and a quarter value is calculated, not measured. The Earth's rotation speed is said to be slowing down because of the friction of the oceans' tides. (A tiny fraction of a second per century)

Scientists suppose that the Earth's purported slowing rotation speed is causing the Moon to move away from the Earth. It is imagined that the Moon moves away in order to keep the momentum (rotation energy) of the Earth/Moon system constant.

### Conservation of Momentum.

Conservation of Momentum is a LAW that an ice skater uses when she spins in one place on the ice. If she extends her hands out from her body she spins slower. If she puts her hands by her sides she spins faster.

### The Armless Earth.

The ice skater has arms to push her hands away and slow down. But the Earth and the Moon are not like the ice skater - the Earth has no arms to push the Moon away! And the gravitational attraction between Earth and Moon cannot PUSH! Therefore the inch and a quarter movement theory is flawed.

### Conclusion.

It is evident that NO ACTUAL MOVEMENT of the Moon from its path can be found. We should therefore conclude that the orbit of the Moon is perfectly maintained.

### Maintenance of Complex Orbits of Moons.

Think about the maintenance needed to stabilise the orbits of these moons of Saturn, remembering that orbits are inherently unstable.

### Moons That Orbit Each Other!

Epimetheus and Janus are two moons of Saturn whose orbits are said to be "closely matched". Every four years the moon orbiting nearer to Saturn catches up with the moon orbiting further away and then these moons SWAP ORBITS! No kidding! These moons are, in fact, ORBITING EACH OTHER! Not a bad trick for two unstable satellites!

### Trojan Moons.

Saturn's moons Dione and Tethys: Following in the same orbit as Dione itself, there is another moon, Dione B, located at an angular distance of 60 degrees.

Each of these two satellites lies on a corner of an equilateral triangle with Saturn itself on the third corner. Moons which behave like this are called "Trojans".

A similar situation holds for Tethys. In this case, two small satellites occupy Trojan positions, one leading Tethys by 60 degrees, and the other trailing 60 degrees behind. (Source: Stars and Their Purpose, Prof. Werner Gitt, German Federal Institute of Physics)

### Intelligent Design, Intelligent Intervention.

Many scientists have pointed to the case for intelligent design seen in living things. The orbits of Saturn's moons, discussed above, also point to intelligent design.

But more than that, there is a strong case here for intelligent intervention in the maintenance of orbital motion. Newton believed that, and it certainly did not stop him from doing real science.

Closing Remarks.

The Law of Instability of Orbits does not fit with the ruling idea that everything made itself from the big bang. So you can be sure that this instability problem will not be discussed!

This is just like the big problem that the big bang itself has. The big bang can never have happened because **THE UNIVERSE IS NOT EXPANDING!** You can be sure this problem won't be discussed either!

All the facts.

But you can get the full facts on the Non Expanding Universe, and the demise of the big bang theory on...

[www.lollo.org.nz](http://www.lollo.org.nz)

Postscript.

Orbital "Capture" Impossible.

Neptune's large moon Triton orbits backwards, that is, clockwise when viewed from the top. This motion is called retrograde.

Because the axial rotation of Neptune is direct (anticlockwise), Triton cannot have been flung off Neptune, and another story of its origin is required. It is said that Triton was an asteroid that approached Neptune's gravity field and was "captured".

But orbital capture is not possible. Here's why.. Rocket science requires that incoming rocky bodies and spacecraft lose ALL approach speed before they can orbit. (An orbit, by definition, has no nett approach speed.)

Old science fiction writers knew this, and their imaginary spacecraft used "retro rockets" to scrub off all approach speed before parking in orbit.

No retro rockets have been found on Triton. Its "capture" is thus not possible..