

The Riddle of Gravitation

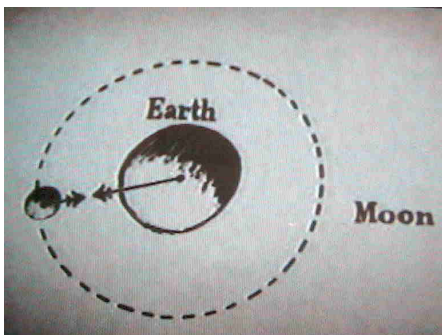
A New Solution Proposal

By Josef Kemény, 2008

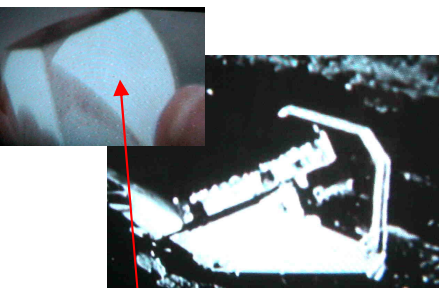
This is the background of the most serious quarrels in science. It is not an easy task to come up with a solution. Contemporary science has concluded that the theories of Newton and Einstein are no longer valid. Below, I shortly summarize the present situation, then I introduce my proposal for a solution.



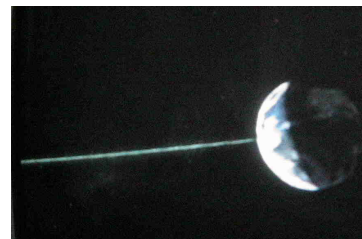
Isaac Newton, 1643-1727



Newton and his law of gravitation. According to his calculations on gravitation between the Earth and the Moon, we could go to, land on and come back from the Moon. It has turned out, that Newton's simple law of gravitation does not answer all questions. It was all right with the facts they knew then, Newton's formula was really valid. But as our data grow increasingly better, we see that it is not very exact.

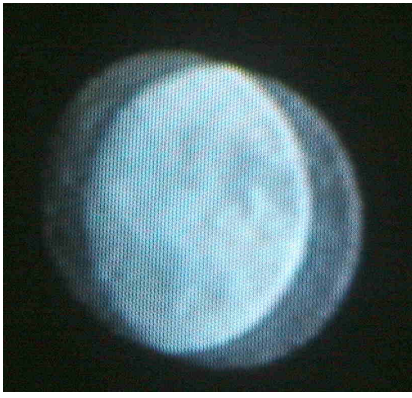


The Reflector with built-in mirrors on the Moon.



Laser beam between the Earth and the moon.

The laser beam from the telescope travels directly to the moon. It is thrown back by the reflector and returns through the telescope where its sensors recognize it.

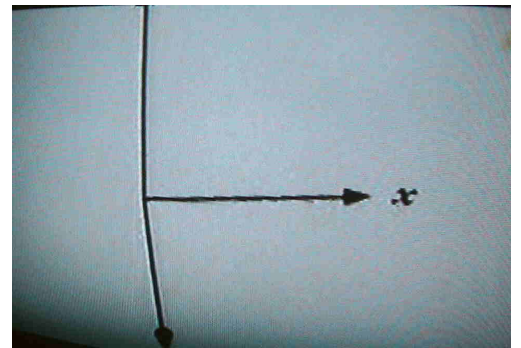
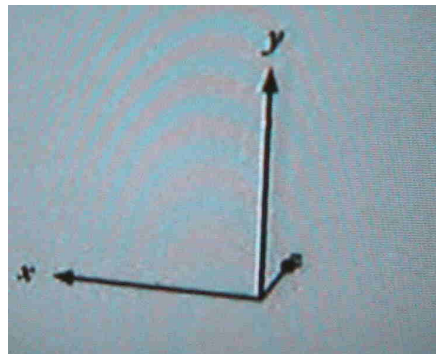


If we use Newton's law of gravitation to locate the Moon, we will find it in the wrong place. Today's results differ from those of Newton's by around ten metres. That does not seem to be much, but still it means that Newton was wrong. We almost smile at being able to go to the Moon and back based on inexact planning.

But there is another problem with Newton's theory: it only allows us to suggest how things will move. It says nothing about why gravitation exists or about how it works. It only makes it possible for us to calculate. In Newton's universe there is only empty space. The stars and galaxies affect each other. That is all. But still we must remember that save simple telescopes he had almost nothing to help him to research Universe. According to me, Newton was certainly a great scientist.



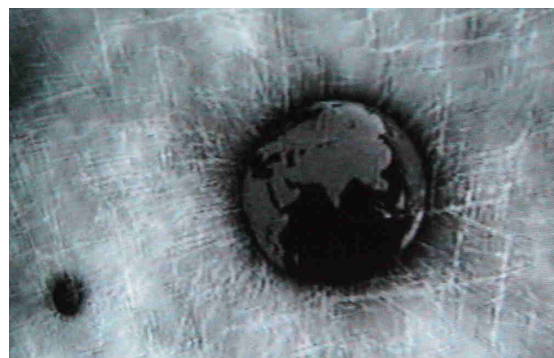
Albert Einstein, 1879-1955



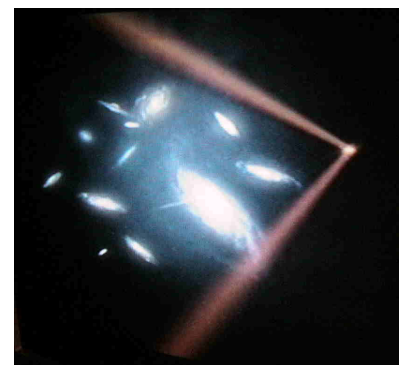
Einstein and his universe. The room is what we have around us. It consists of length, width and height.



Universe's own fabric



Our planet distorts space time, or space time distorts our planet.

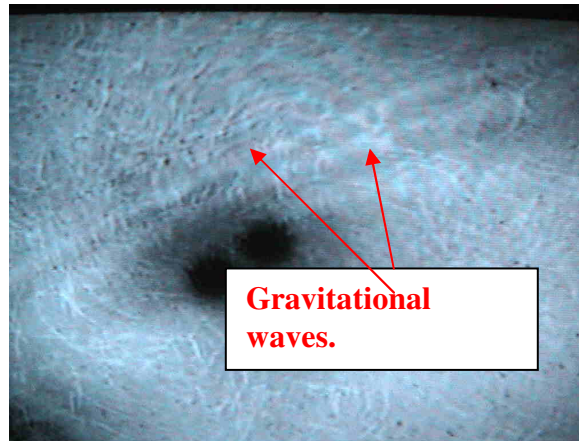
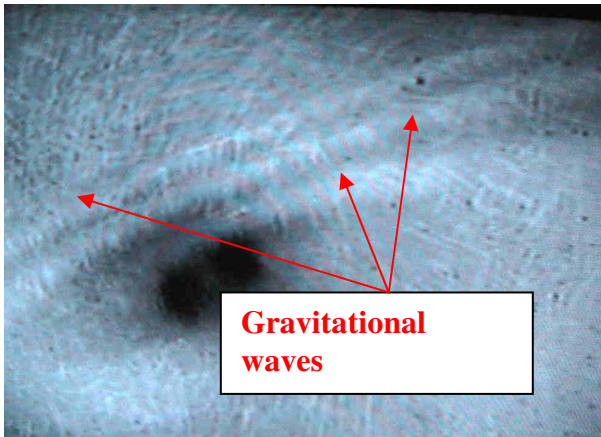


An enormous mass curves space.

Einstein's universe has its own fabric which encompasses everything. Space time is curved. When the fabric of universe is curved, the property which we call gravitation is created. The larger the mass is close to an object, the more space time is curved and the stronger is gravitation.

Imagine even suggesting that the speed of time is different on Earth from that in space. Which is the difference? According to Einstein, gravitation. Closer to the Earth, the gravitational field is stronger and in space weaker. Einstein stated that the speed of time is slower the stronger the gravitation field is and vice versa. If you place something heavy in space, like a planet, the heavy object curves space. But space and time belong together. In that way, the Earth also curves time.

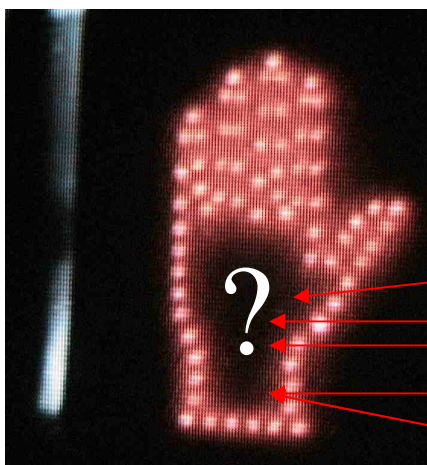
Gravitational waves When you dive into a pool to swim, you create waves. According to Einstein, the same goes for space time. The waves are physical distortions of our reality. They expand and contract the space and time we exist in.



Gravitational waves contract in one direction and expand in the other. We do not possess sufficient observational data to study whether the gravitation waves affect circumstances the way science believes. We do not know where to find the sources, so scientists look further and further into space and cosmos and Einstein's universe collapses.

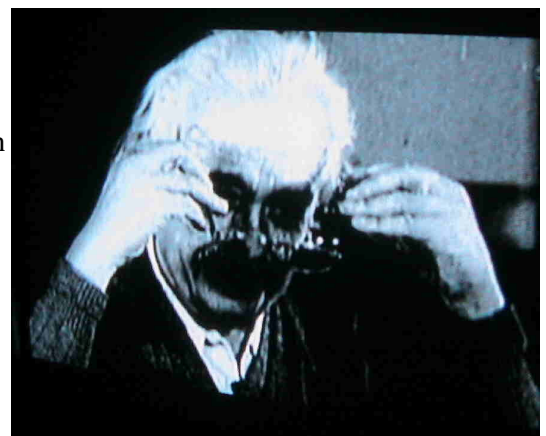
Einstein's wonderful theory describes how the planets orbit the stars, how the galaxies orbit each other and how universe once evolved. But there is a basic problem. Einstein's theory does not work at all in micro cosmos. It has nothing to say about gravitation among the atoms, molecules and subatomic particles the world consists of.

Einstein's theory of relativity gives no answer. His calculations do not add up at a microscopic level. Thus, the answer is probably not to be found among the galaxies but in micro cosmos, quantum mechanics, where we will find the answers, according to scientists.



Einstein passed away on April 18, 1955. He left science behind, in an obscure position.

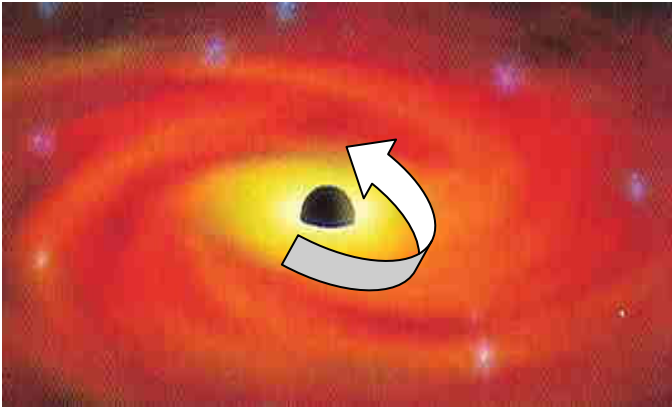
Universe	} ?
Gravitation	
Dark matter	
Dark energy	
Standard model	



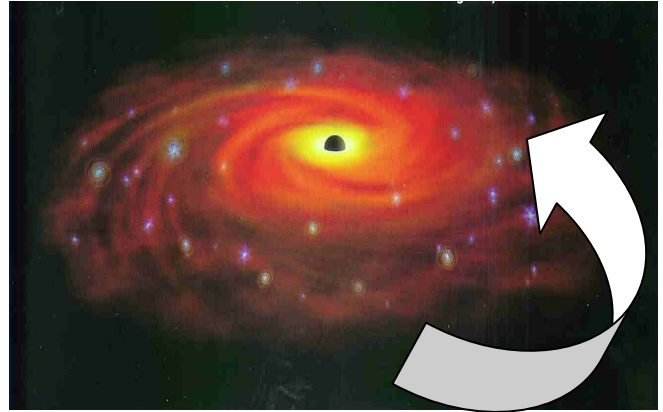
I still think you were a great scientist, despite the fact...

A new proposal on how to solve the riddle of gravitation

The solution to the riddle of gravitation is out there, in macro cosmos. Quantum mechanics does not work either in micro cosmos or in macro cosmos. For my solution, macro cosmos forms the foundation. I do it the other way around, compared to scientists, I look out into space and there I find the solution.

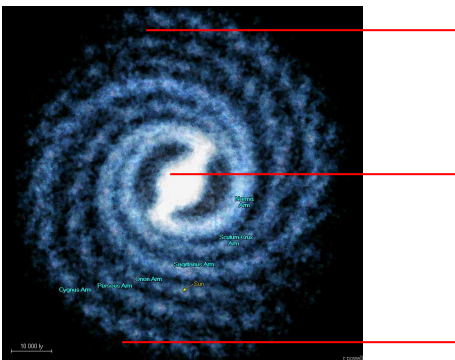


Rotating black hole



Rotating galaxy

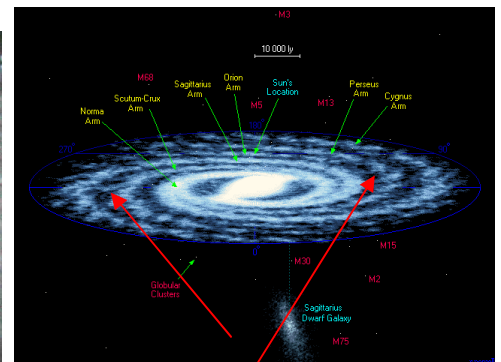
Our galaxy, the Milky Way, is a rotating galaxy. There is a rotating black hole at the centre of the Milky Way. Between the rotating black hole and the rotating galaxy/Milky Way a very strong gravitational field comes into existence. Due to the fact that the galaxy rotates round its own axis and round the black hole as well, gravitation arises. The black hole possesses a dominating gravitational power since it attracts surrounding celestial bodies.



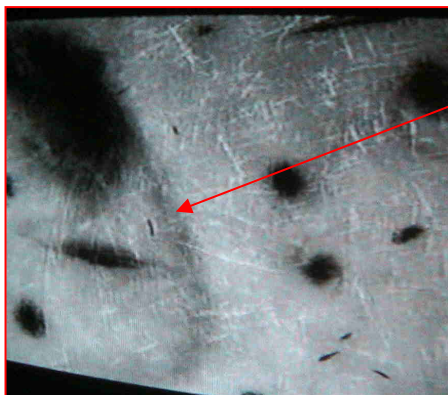
Gravitational field



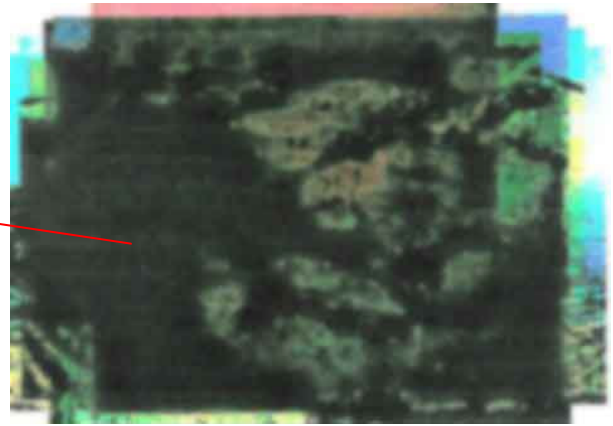
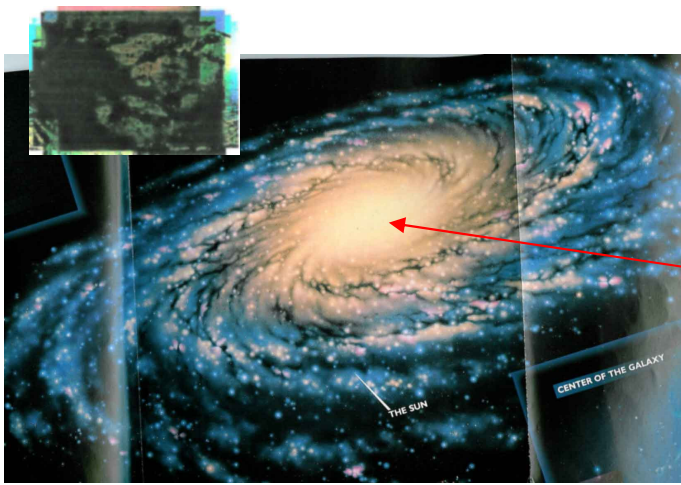
Gravitational field



Gravitational field



Gravitational field instead of universe's own fabric – Space is still there, but space time is gone. In other words: there is no time in universe and cosmos, everything seems to stand still. This is cosmic time, but still everything moves. When it comes to time, I will bring it up at the end of this section.



100% of the Milky Way is dark matter.

More at www.cosmic-construction.com
 Science: Dark Matter

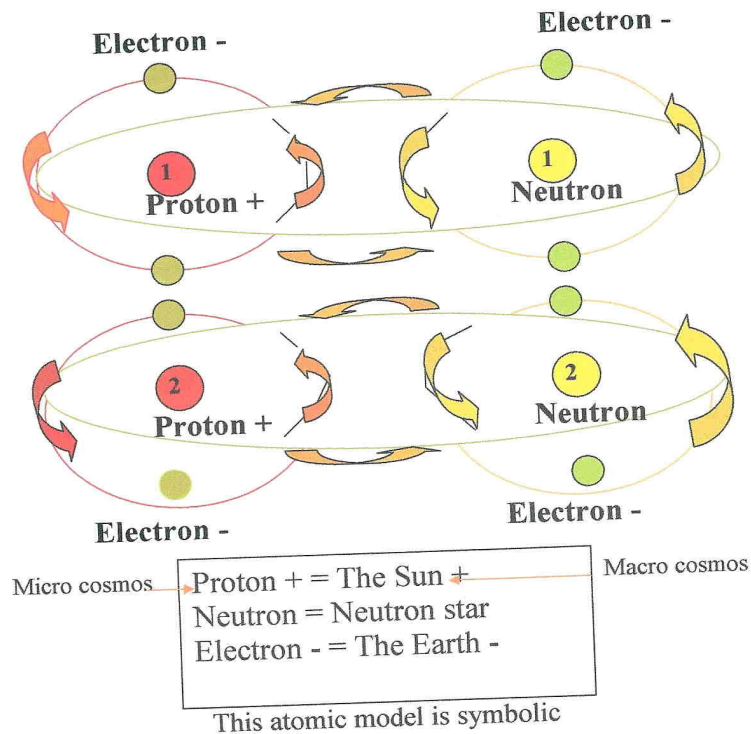
Dark matter. Matter consists of **seven** different worlds, each one of them at its own vibrational/frequency level, independent of the others. Emptiness in space is an illusion, we find matter at a different vibrational frequency. The combination of the seven worlds is called dark matter.

Dark Matter in the Milky Way

It is not easy to understand what dark matter, in connection with hidden dimensions/invisible matter, is. We need knowledge about atoms to be able to create or build dark matter. Today's standard model does not fit this system.

To be able to use the word *matter construction material*, we need to create a new type of atomic model, a so-called universal model or a "Model for Everything" which consists of two separate atomic nuclei, a nucleus for protons and one for neutrons. More at www.cosmic-construction.com Science: "The New Atomic Model"

Koino matter

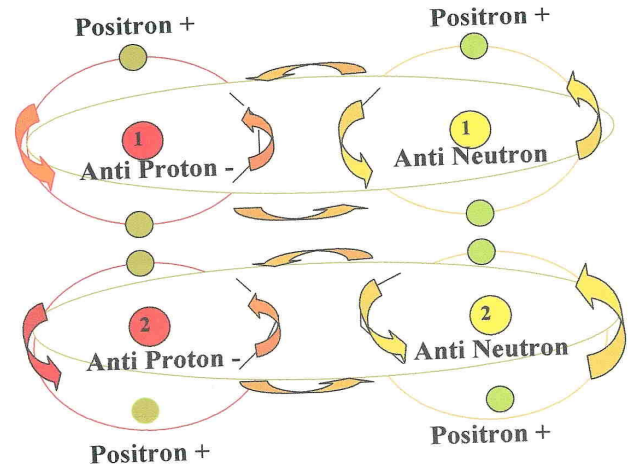
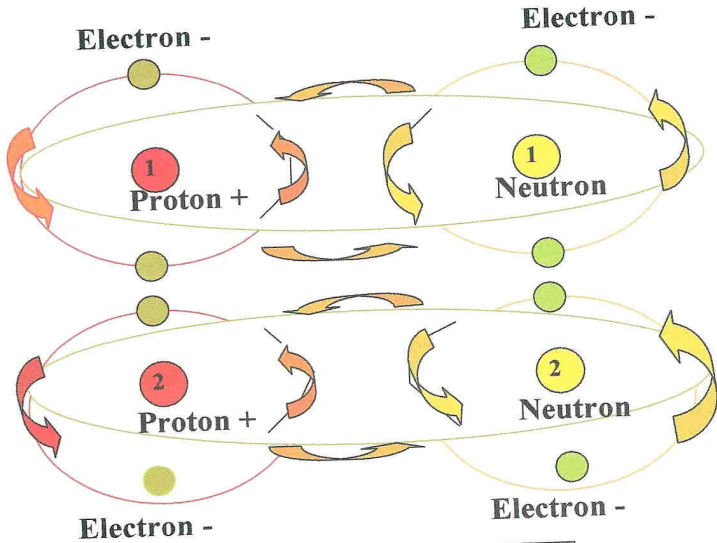


Dark matter contains **four** worlds of koino matter and **three** worlds of anti matter. These two combinations constitute dark matter. (koino matter = common matter). N.B. that these seven worlds exist at separate vibrational/frequency levels and are independent. Dark means invisible, in this case invisible matter, in galaxies only. This could be called cosmic vibrations/strings.

Building blocks in dark matter

Koino matter

Anti matter

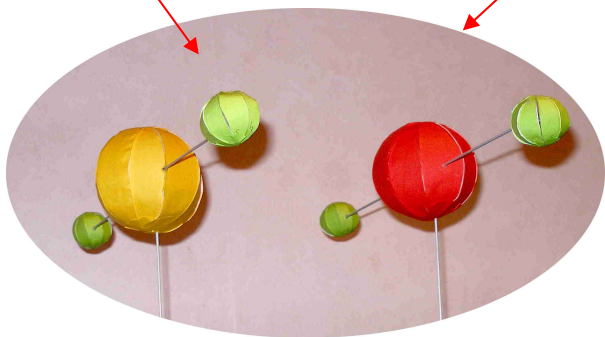


Micro cosmos → Proton + = The Sun +
 Neutron = Neutron star
 Electron - = The Earth -
 Macro cosmos

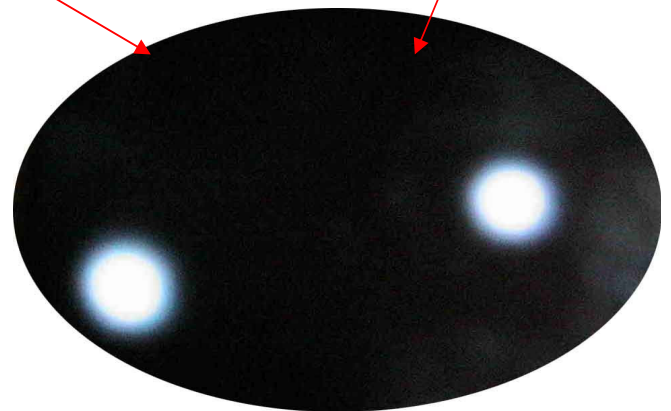
This atomic model is symbolic

Micro cosmos → Anti Proton - = Anti Sun -
 Anti Neutron = Anti Neutron star
 Positron + = Anti Earth +
 Macro cosmos

This atomic model is symbolic

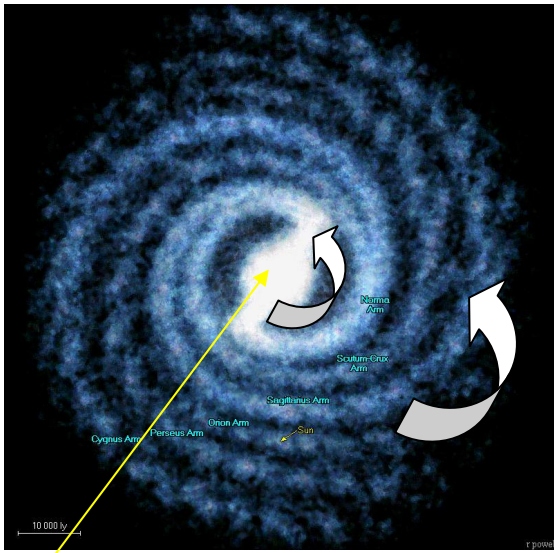


Universal model in micro cosmos
 Binuclear system

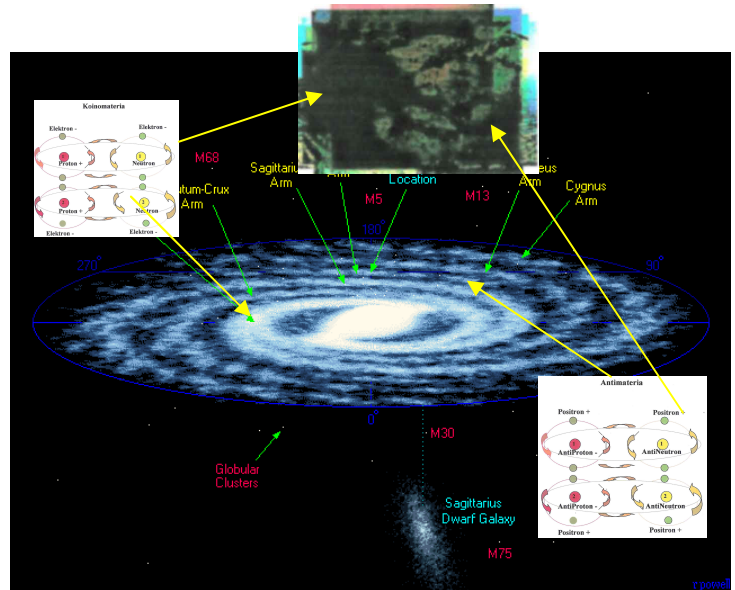


Universal model in macro cosmos
 Binuclear system

From here I can continue and explain gravitation.



Gravitational fields come into existence because of rotation. Note that the strongest gravitation exists inside the black hole.

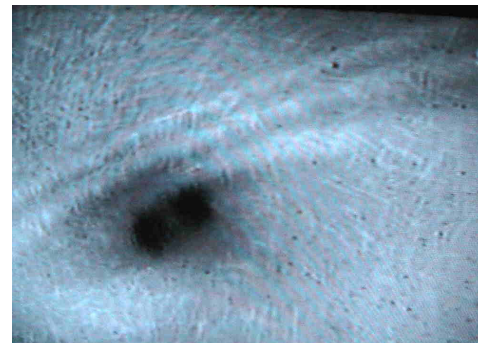


Gravitational field. Between the seven worlds in the same **matter** special independent gravitational fields arise without causing any damage.

The solar system. In our galaxy, the Milky Way, binary star systems constitute around 65-70%. In other words: binary star systems dominate in our galaxy. When two stars or suns orbit each other, waves arise, gravitational waves. These gravitational waves really exist in our whole galaxy. Since the waves exist in a special gravitational field they are particularly powerful, strong and fast, even faster than the speed of light.

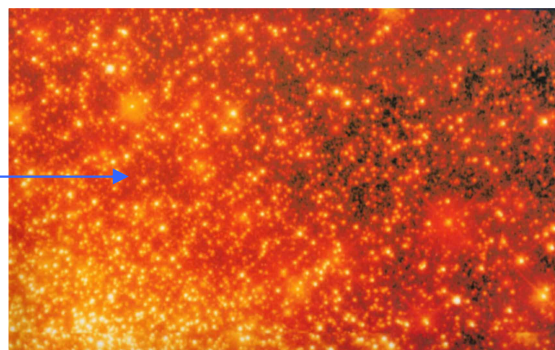


Two suns/stars orbit each other and create waves in gravitation.

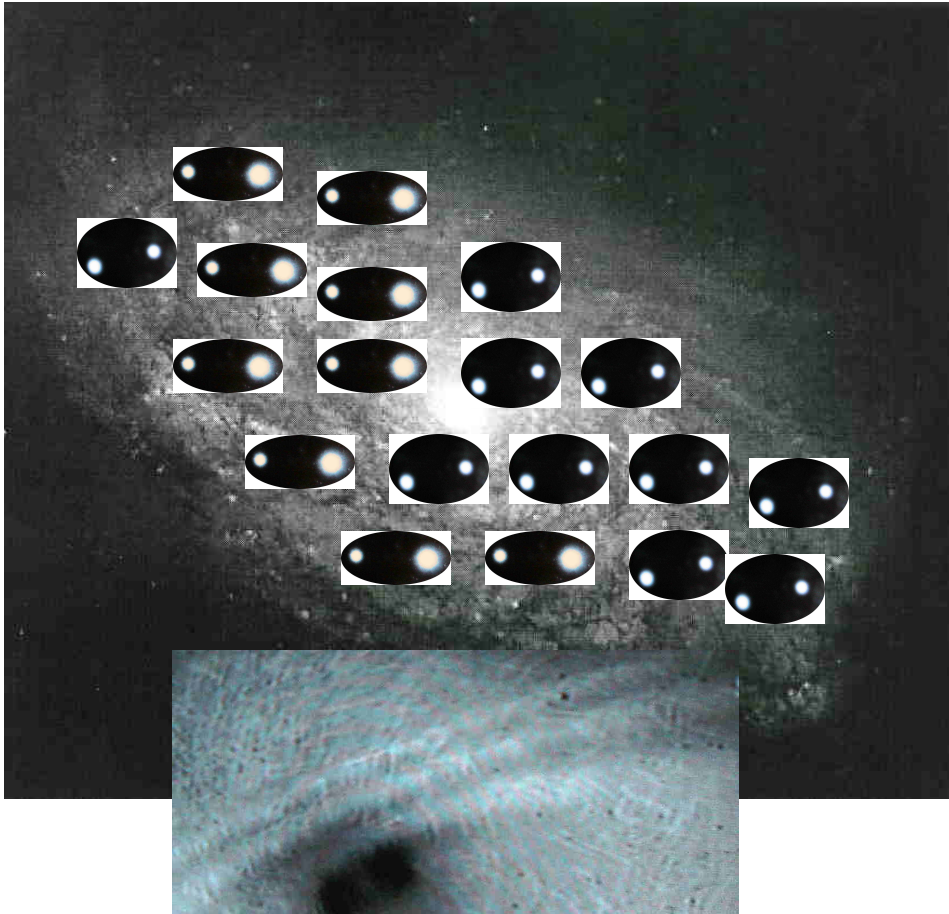


Gravitational waves

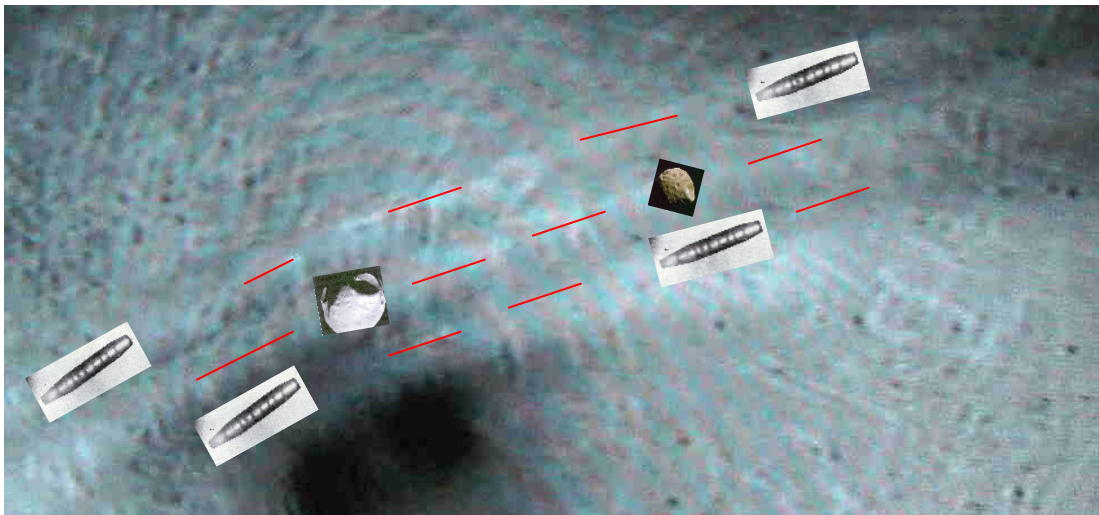
The star system in the empty space of our galaxy can be called a gigantic atomic system.



If we study macro cosmos or the macro world, we find that **binary star systems** dominate. This binary star system can be called a “**gigantic atomic system**” for dark matter if we assume that the empty space is not really empty but matter at a different frequency level. This is only valid for galaxies.



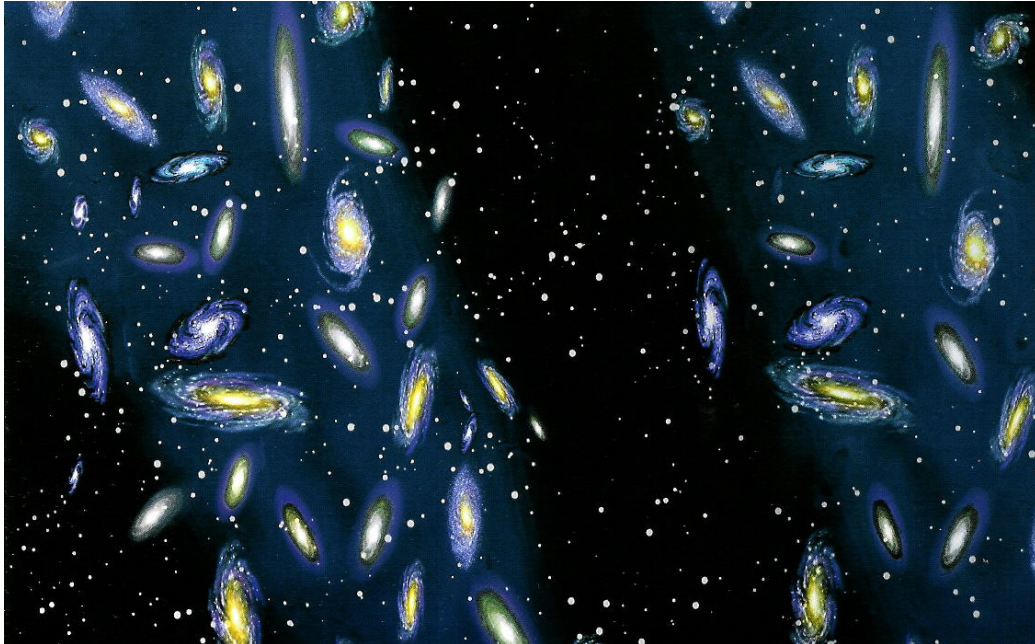
A symbolic illustration of gravitational waves, i.e. the around each other orbiting binary suns in a gravitational field causing the waves.



In this way UFOs travel between stars. There is a system whose name is teletransport or teleportation. This "travel methodology" means that the vehicle or ship and its contents in a moment is transformed into pure energy and almost immediately is moved to another location in space, where it is put back into "material shape." In other words: at the start matter is transformed into energy and at arrival vice versa and the energy travels at a terrible speed, faster than light, in dark matter which has special gravitational waves. The crew of a UFO/space ship think that time has stopped during the voyage, they believe that the trip goes on for ever.

Dark matter between the galaxies

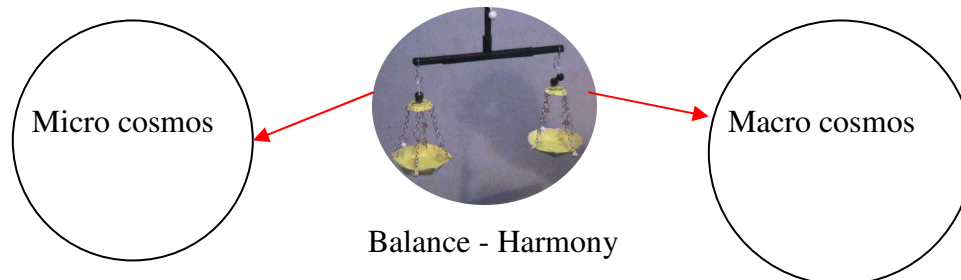
Dark energy



Macro cosmos/space. The pictures illustrate how the galaxies float in space at a great speed but without expansion and collisions.

There are two different dark matters to keep apart. One dark matter exists in the galaxies and the other one is to be found between the galaxies. The difference between these two is enormous.

In the dark matter which exists within the galaxies we find in the matter itself seven independent worlds, each one at its own level of frequency. But the question is how many vibrational worlds there really are in the dark matter between the galaxies. According to my knowledge there is only one. If we could change the level of frequency of the empty space, we could find a sea at a different level of vibration, but also so-called dark energy in which the galaxies could float. In this case gravitation disappears and is replaced by a so-called “pressure power” which is the most powerful one in all universe. This “power pressure” is called dark energy. Dark = invisible. Time does not exist and neither does this level of vibration expand. That is, in the world we inhabit there is no expansion and the galaxies do not collide.



Note that the galaxies only arise in “living” matter in micro cosmos as well as in macro cosmos. Since macro cosmos is a reflection of micro cosmos and vice versa, this means, talking about atoms, that both are constructed in the same way. In other words: macro cosmos depends on micro cosmos and vice versa, in both worlds exactly the same laws of nature are working. One example is the so-called “empty space” which exists in micro cosmos as well as in macro cosmos.

Time

I have given much thought about what time is and how it comes into existence. I have studied time here, in our solar system. Time exists here, but as soon as we leave the solar system, simultaneously, time ceases to exist. What lies behind the fact that time is different and which is the relation between time and gravitation, according to Einstein? According to me, time should be what follows below:

Time comes into existence in connection with a planet's period of rotation, i.e. one lap around its own axis and the orbiting period around the sun. This is a very interesting idea. And is it valid in reality?

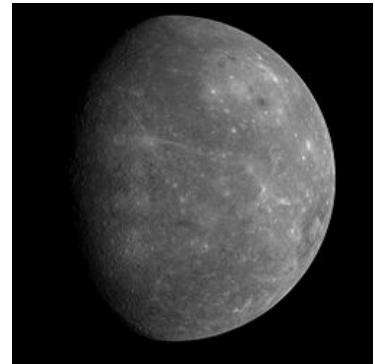
If we study the tables below, we get an almost immediate answer.



The Earth/Tellus



Venus



Mercury

Moon 1
Orbital period round the Sun
 365.25636 days = 1 year

Rotation period
 23 h 56 min

Gravitation at surface
 9.78 m/s^2

Mass (Earth = 1) 1

Time at Earth is 24h/day

Moon 0
Orbital period round the Sun
 224.701 days = 1 year

Rotation period
 243.0187 days

Gravitation at surface
 8.87 m/s^2

Mass (Earth = 1) 0.82

Time at Venus is 243 days,
 corresponding to 1 day

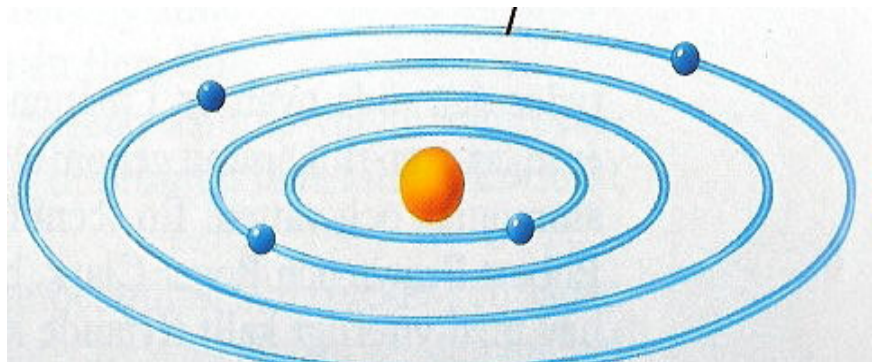
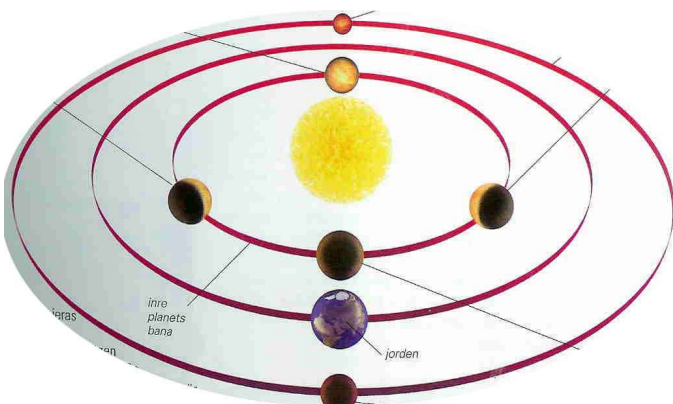
Moon 0
Orbital period round the Sun
 87 days, 23 h = 1 year

Rotation period
 58 days, 15 h,

Gravitation at surface
 3.7 m/s^2

Mass (Earth = 1) 0.055

Time at Mercury is 58 days,
 corresponding to 1 day.





Jupiter

Moon 63

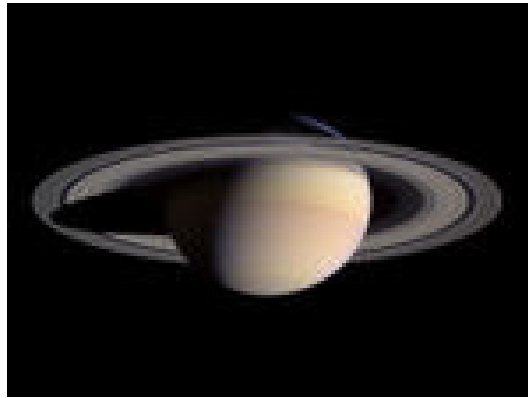
Orbital period round the Sun
11 year 315 days 1.1 h

Rotation period
9 h 55.5 min

Gravitation at surface
23.12 m/s²

Mass (Earth = 1) 318

Time at Jupiter is around
10h/day.



Saturn

Moon 56

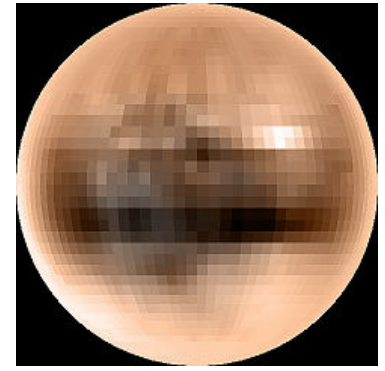
Orbital period round the Sun
29.457 years

Rotation period
10 h 45 min 45 s

Gravitation at surface
10.44 m/s²

Mass (Earth = 1) 95

Time at Saturn is around 11
h/day.



Pluto (dwarf planet)

Moon 3

Orbital period round the Sun
248.09years, 90,613.3055 days

Rotation period
6.387230 days

Gravitation at surface
0.58 m/s²

Mass (Earth 0 1) 0.002

Time at Pluto is around 153
h/day.



Uranus

Moon 27

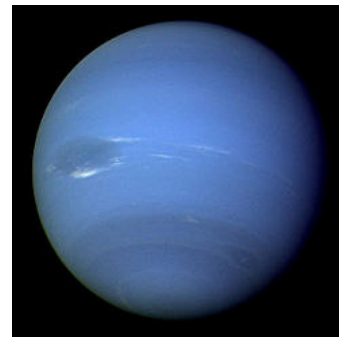
Orbital period around the Sun
30,707.4896 days – 84 earth years

Rotation period
9 h 55.5 min

Gravitation at surface
8.69 m/s²

Mass (Earth =1) 14.5

Time at Uranus is around 18
h/day.



Neptune

Moon 13

Orbital period around the
Sun 164.9 earth years

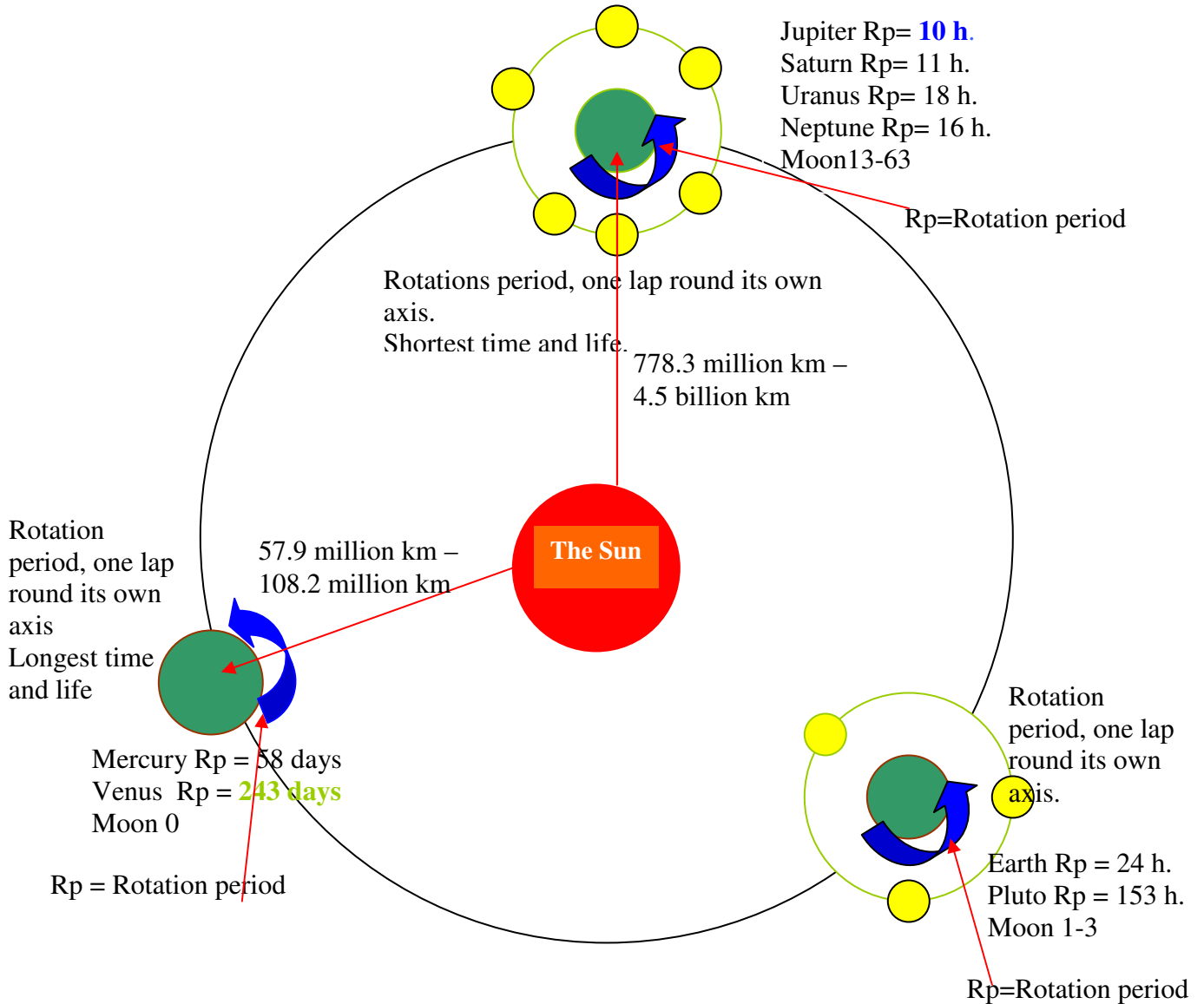
Rotation period
16.11 h

Gravitation at surface
1.13 m/s²

Mass (Earth = 1) 17.1

Time at Neptune is around
16 h/day.

From the tables we can fairly clearly see that the more moons there are orbiting the planet, the faster is its rotation round its own axis, time is also faster. Examples of this are Jupiter, Saturn, Uranus and Neptune. These planets are giant planets where the flow of time is faster than it is on Earth. Despite the fact that Earth has only one moon, it rotates fairly fast round its own axis and time follows suit. Pluto has three moons and rotates much more slowly round its axis, while planets like Mercury and Venus, which have no moons, have a very slow rotation period round their axes, they are almost at a standstill, and time is very slow. Venus spends 224.7 Earth days to complete one lap round the sun. Simultaneously it rotates very slowly round its axis – more slowly than any other planet. It takes 243 earth days to rotate once, which means that a day on Venus is longer than a year.

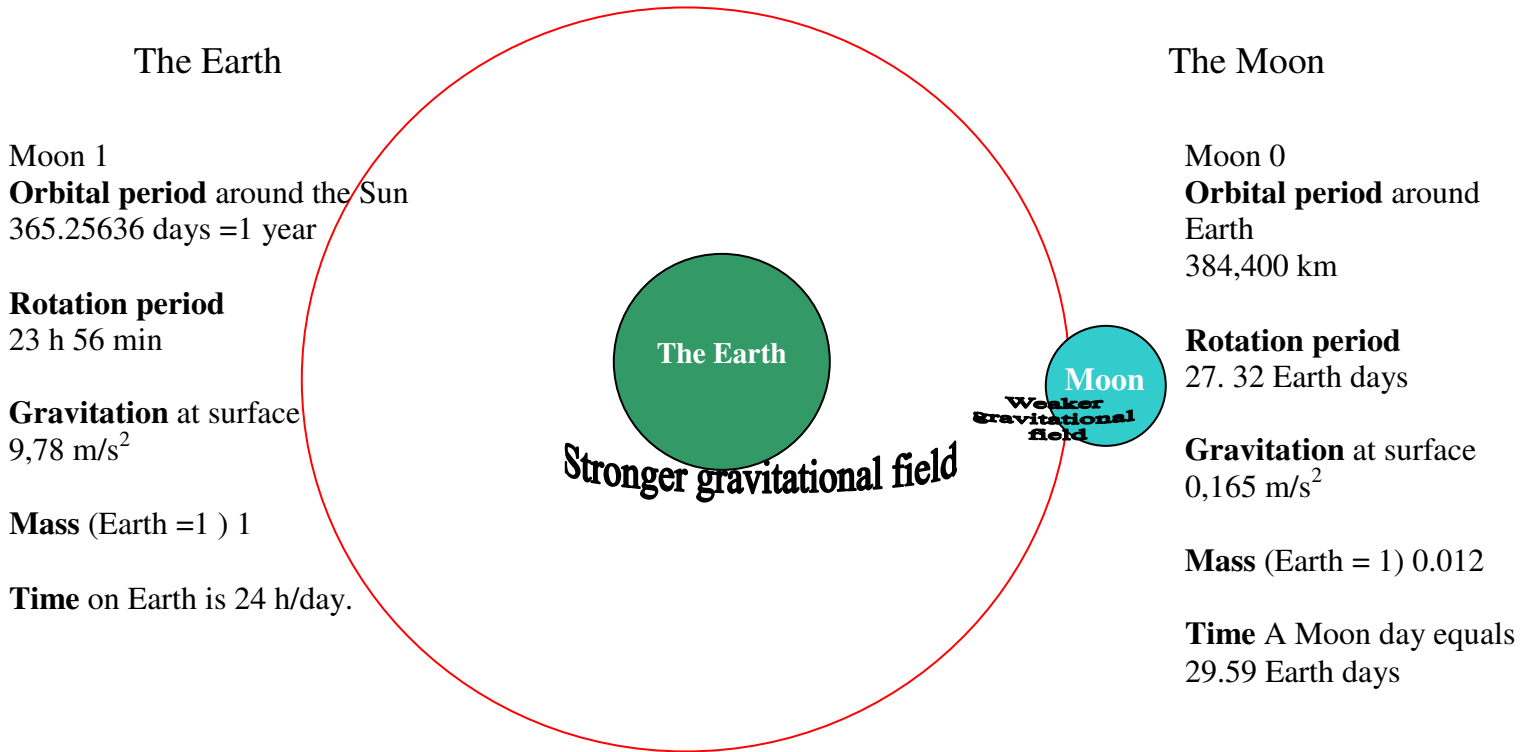


This actually means that time, life and ageing are very slow, with Venus as the slowest planet. Venus's opposite is Jupiter which spends 11 years to complete one lap round the sun. Simultaneously it rotates very fast round its axis, one lap in 11 hours which means that a day on Jupiter equals half a day on Earth, i.e. 11 hours form a day on Earth. There time, life and ageing are very fast, Jupiter is in the lead if you compare with other planets.

Time is relative in relation to gravitation connected to the location or movement of of the celestial bodies in the solar system. Time evidently follows the rotation round a planet's axis, which can be different with different planets' rotation periods.

According to Einstein, time differences are caused by gravitation. Closer to Earth the gravitational field is stronger, in space weaker. Einstein maintained that time is slower the stronger the gravitational field is, and vice versa.

If we take a closer look at the planet Jupiter, we see that Jupiter displays the strongest gravitation among the planets but also that time goes faster there. Venus, on the other hand, has a much weaker gravitation and time goes slower. In this case the difference in time is more due to the rotation period round the planet's axis than to gravitation.



The Earth's rotation period is around 24 h, one day. The Moon's rotation period is 27.32 Earth days. The day on the Moon is 29.53 Earth days, corresponding to around one Earth month.

The Earth's gravitational field is stronger than that of the Moon, but still it seems as if time on the Moon is longer. In other words: Time on the Moon is slower than time on Earth. Also in this case, time is dependent more on rotation period than on gravitation.

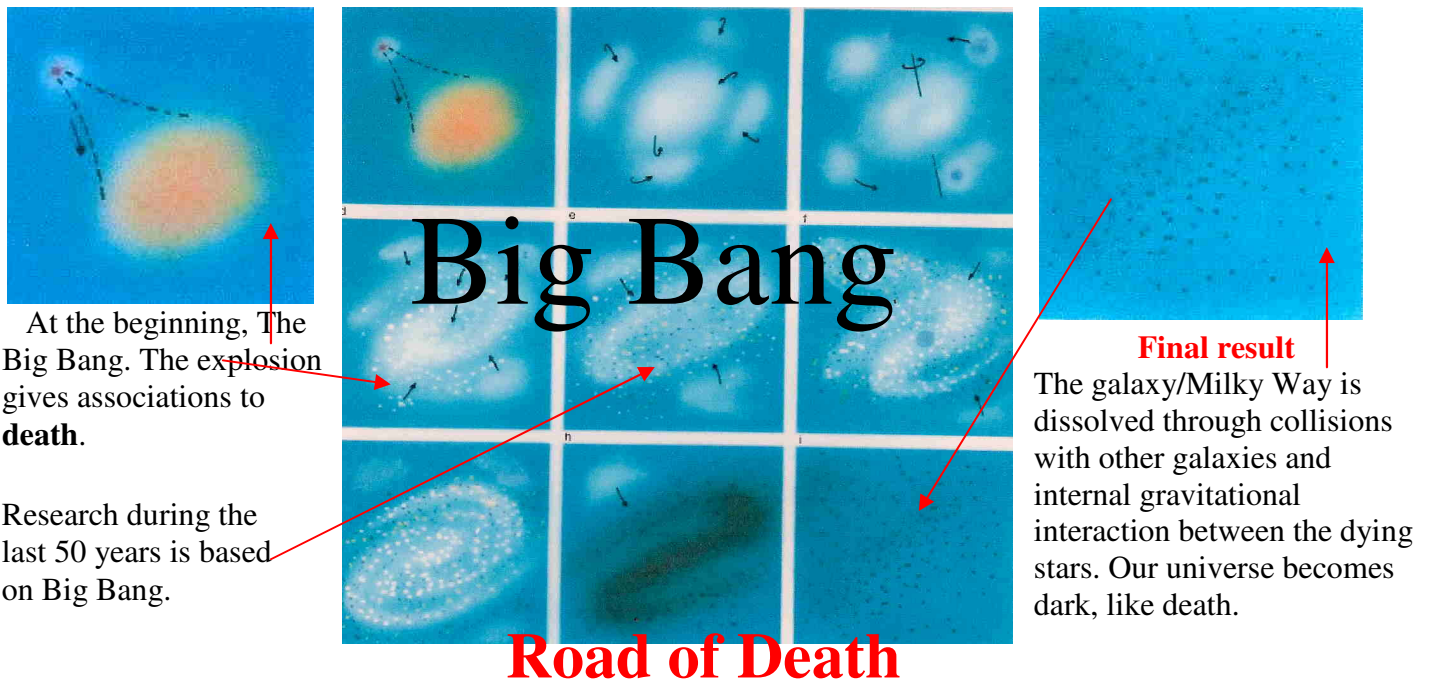
It seems to be the case that Einstein's theory of gravitation does not work properly in connection with time.

Big Bang

Big bang – the great explosion (a hypothesis about the origins of universe). The by far greatest problem with Big Bang is that it never took place. In other words: Big Bang has never existed.

The term itself was launched in a polemic context by the English astro-physicist Fred Hoyle in 1950 (he then advocated a different cosmological hypothesis, the steady state theory). The term Big Bang is not a relevant expression, in modern cosmology we do not talk about a matter explosion in empty space but about an expansion of space itself carrying the matter with it. – Both theories are utopian.

Today's science is based on Big Bang. This theory costs lots of billions and occupies thousands of researchers and scientists.



It has taken 14 years to build the Large Hadron Collider (LHC). By re-creating a mini-Bang researchers will find the mythical Higgs particle – if it exists. It has cost SEK 45 billion. - Researchers want to re-create a Big Bang which has never taken place. This is called modern science, without context.

In this context we need to know what Universe really is before we start describing it. Today's scientists have not the faintest idea about this, they do not even come close. The American science journalist John Horgan calls these men philosophers, philosophers who are using guesswork to map the origins of universe, without context. This is mainly about those who advocate the Big Bang theory without understanding what universe really is.

It is encouraging that so many people across the globe are interested in Life and Universe. When time has come, the population of the Earth will find out what universe really is. Then people will say: "It's as easy as the egg of Columbus. We should have thought about it ourselves!" Time will come.