

# LEONARDO DA VINCI GRAVITY MACHINE

## - The legend, conspiracy of the silence and the hope -

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By typing above title in internet search engine Google, titles and pictures of gravity machines of universal genius, who was several centuries ahead of his time, will be opened. The artist, scientist, inventor... whom we could discover again!

To discover and to ask question if greatest minds like Leonardo da Vinci (1452-1519) were in total delusion or at least something different is still possible?

Second question is: What if by any chance it is possible to make an advance in the field of gravity machines?

Many encyclopedias, monographers and articles about creativity of Leonardo don't mention at all the fact that he was involved in creation of a gravity machine, and exactly that represents not only the greatest mystery but also the question of survival of the life on planet Earth.

The most useful invention has been degraded to the lowest degree for the sake of defense of dirty and risky technologies – which are also main cause for many wars.

Many „serious“ articles which interpret 'perpetuum mobile' doesn't mention Leonardo da Vinci, Nikola Tesla, Gottfried Wilhelm Leibniz, Alexander Volta... although they were active in the field of the greatest challenge.

### Legend

Old story is passed on from a generation to the generation that Leonardo's gravity machine amazingly worked, but original model wasn't saved, only drafts we can find on internet or in rare books.

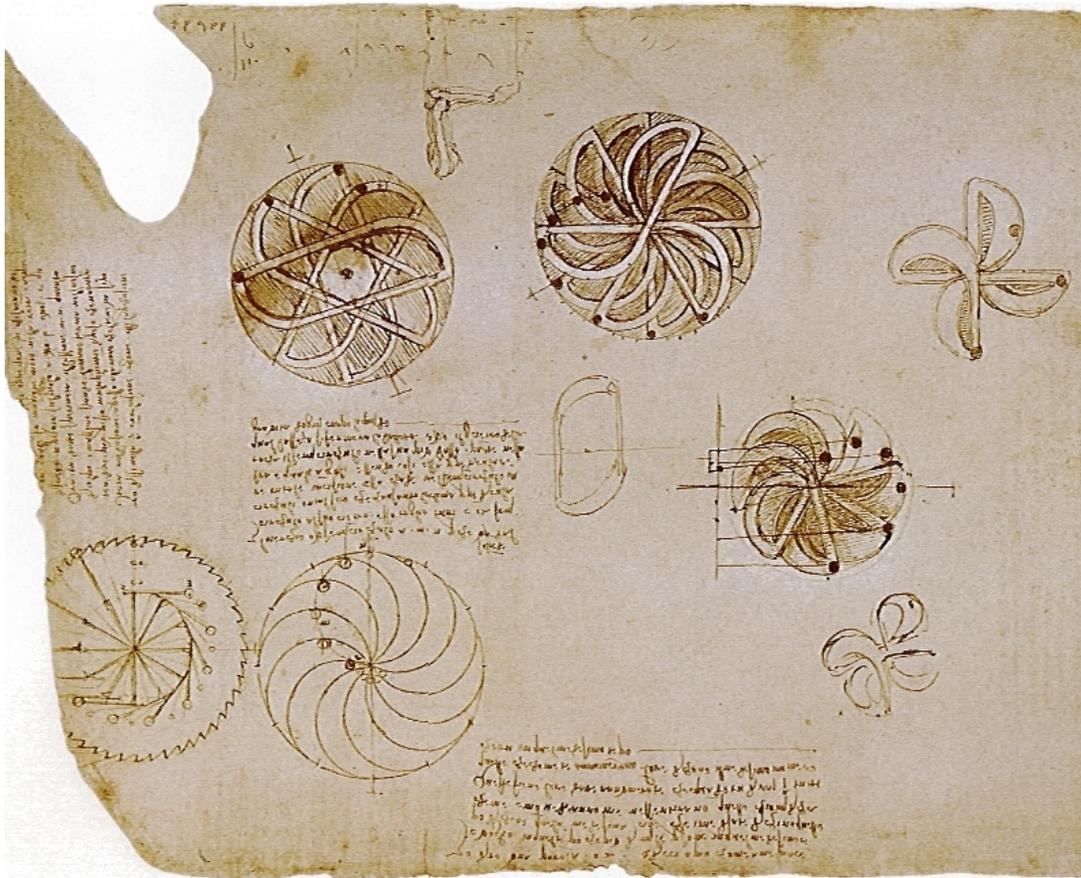


Many replicas were made, as displayed on Christmas's lecture by professor Erik Laithwaite in the Royal Institution in London in the year of 1974. The lecture claimed that rotation on first model lasted for 18 seconds, and on the second only 5 seconds.

<http://www.youtube.com/watch?v=A89EDdXawvM#t=8m30s>

The Royal Institutions 1974-75 Christmas Lecture given by Eric Laithwaite

Silent model with balls is captivating, in comparison with model with hammers which dissipate precious energy.



Picture 1. Drafts of gravity machines or motors of Leonardo da Vinci

Using abstractions everything is declared as perpetuum mobile of first degree, and that one is mostly disputed by conservative scientists and anathematized. However, moderate researchers deem that the friction was main problem which had created real obstacle for a machine to work.

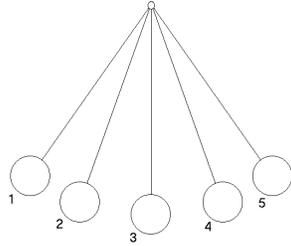
By further analysis and comparison we found multiple improvements – trough friction decrease and “harnessed” gravitation.



Picture 2. Details from a draft of gravity machine of da Vinci



Picture 3. Copy of details, with alternate rolling of a ball which lasted 22 seconds



Picture 4. Swinging pendulum ball has trajectory similar as copy from picture 3, but oscillations lasted over 3 hours which is 500 times more or 50.000%.

Comparison can also be made with a copy of Leonardo's model <http://www.youtube.com/watch?v=A89EDdXawvM#t=8m30s> where superiority of pendulum was 600 times, or 60.000%.

Top accomplishments of contemporary technology concerning friction decrease can be achieved by usage of ceramic bearings.

**Comparison of Steel and Ceramic Bearings – Duration of Rotation**

Little wheel of skateboard <a href="http://www.youtube.com/watch?v=6ZfamxrlQgU">http://www.youtube.com/watch?v=6ZfamxrlQgU</a>	(A1) Steel bearing..... <b>5</b> seconds
	(A2) Ceramic bearing..... <b>31</b> seconds
Big wheel of the bike <a href="http://www.youtube.com/watch?v=NW7wKg6OSFg">http://www.youtube.com/watch?v=NW7wKg6OSFg</a>	(B1) Steel bearing..... <b>8</b> seconds
	(B2) Ceramic bearing..... <b>36</b> seconds

Advantage of pendulum in comparison with steel bearings is from 1350 (B1) till 3600 (A1) times, in percentage it s from 135.000 till 360.000%.

Advantage of pendulum in comparison with ceramic bearings is from 300 (B2) till 348 (A2) times, in percentage from 30.000 till 34.800%.

Similar advantages of the pendulum are achieved in transmission, various kinds of rotors and flywheels, and on site [www.veljkomilkovic.com](http://www.veljkomilkovic.com) there are more about practical application, theoretical analysis, video documents, opinions, rewords etc.

„Impossible“ is not anymore – surplus of mechanical energy is proving directly and indirectly, step by step.

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The aim of this article is to announce popular book about series of arguments intended to break misfortune dogma about absolute, without exception, law of conservation of energy. However, exceptions are everywhere around us! Although all warm bodies are expanding and shrinks if they were cold – the exception is water on 4°C. The next exception is capillary behavior of liquids which doesn't behave according to the law of connected vessels.

However, exceptions for the first law of thermodynamics are forbidden! To that darkest prohibition the end should come or apocalypses will come to us. Besides material for a book there are materials for documentary film, reportage, but also for comedy about destruction and some new inquisitors.

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