

The origin of energy

We have an ideal line. I mean the ideal line without any smaller parts as with fractals e.g. Imagine an ideal level of water surface. What about its energy. Where is a reference point? What is energy of such ideal line? If we want to discuss the energy we must have at least two different levels. See Fig. 1. These levels must be elastic. Elasticity allows the inner (potential) energy. All explanation will come later. The same is with ELMG oscillations.

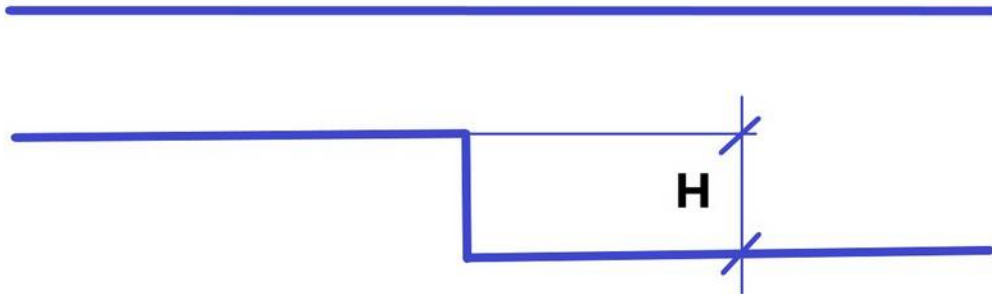


Fig.1 – the first blue line is a water level without any changes, the second one is the water level with one difference of the height H

We could take the height H as the basic unit for other differences. The difference H could be constant or so not. If the water level is closed in a small jar then H will come down. If the water level is closed in a big area then H will be nearly constant for some time. If the level will be „closed“ at infinity area then H will be constant all the time. If the difference is constant then we use 100% potential energy of two levels to the kinetic energy.

But in our world we use the potential energy of two water levels all the time. And the height H is nearly constant. How it is possible? The reason is - the same inflow and outflow of water. There are two reservoirs – mountains and sea. Between them the river is flowing. And the water is carrying from the sea to the mountains by the processes of evaporating and condensating from the heat of the sun. And here it is the main cause. We need next source of energy to carry the water from below to upwards.

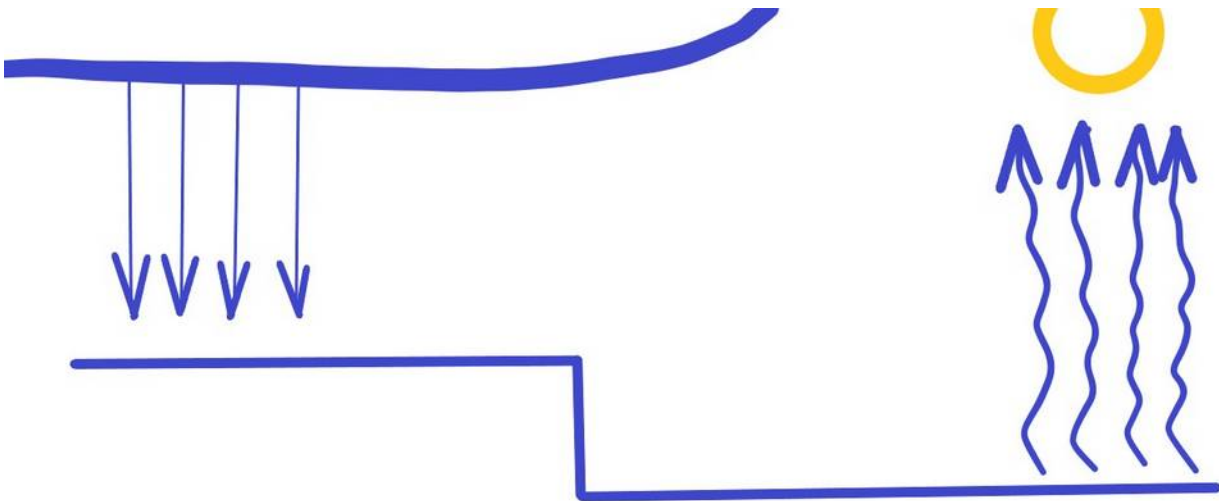


Fig. 2 – the water dam with constant difference of water levels

Also in thermodynamic - the heat energy is 100% transformed to the mechanical energy by the isothermic process.

We need also two reservoirs with different temperature.

Conservation of energy is valid all the time. There are two levels. After mixing them there is only a one average level. The level with many small levels – see fractals. The sum of such small levels is equal to initial U . Degradation process of energy. In the beginning there must be a force which allow to stretch the ideal line for differences (levels). Anyway how that is made. The line could be only our imagination – the regress line through annihilation proces etc.

to be continued