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**Variation of water structure influenced by the equipment of
Thomas Freitag**

Objects and experiments

The following equipment for treatment and activation of water has been investigated:

- For reverse osmose
- For turbulences
- For treatment by silicium cristal balls (biophotons)
- Treatment by shungit and combination of all of them

The initial water is a tap water. The activation has been performed on 08.03.2010 and the experiments on 08.03 and 09.03.2010.

The following functions were measured:

- **f (E)** – the distribution function on energy of the intramolecular bonds in water, or the water energy spectrum for a given probe of water
- **fk (E)** - the same for contro water
- **feq (E)**- the standart water energy spectrum for deionized water

From the spectra above, the following parameters have been calculated:

E – the middle energy per one couple of water molecules for the probe water

Ek – the same for the control water

Eeq – the middle energy for standart water

$\Delta f = f(\text{probe}) - f(\text{control})$ – differential spectrum for the probe water

$\delta f = f(\text{probe}) - feq(\text{standart})$ – standart differential spectrum for the probe

δfk – the same for the control water

$\Delta E = E(\text{probe}) - E(\text{control})$ – gives the variation of the middle energy of interaction
Between the water molecules

$\Delta f' = f'(\text{probe}) - f'(\text{control})$ – the change of the peak of activity at energy

$E = -0,11 \text{ eV}$ under the influence of a given treatment

r ($\Delta f, \delta fk$) – coefficient of linear correlation – gives the possibility of a given
activation agent to compensate the fluctuations of the water energy
spectrum under the influence of enviromental factors. This coefficient
is called **compensantion factor**