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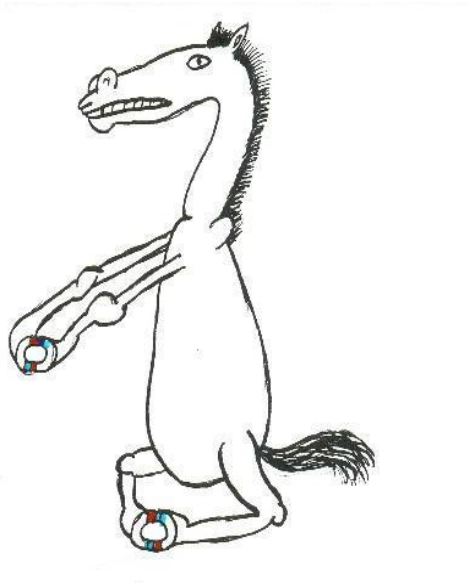
MAGNETS

and everything that have something to do with them

It seems that arranging my domains wasn`t a good idea at all!

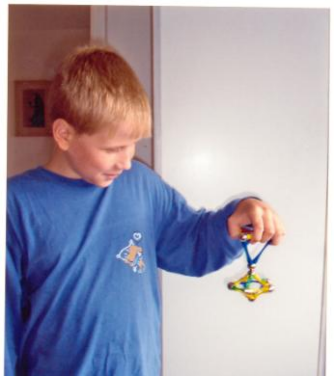


There are materials that are easy to magnetize - we call them ferromagnetic materials. Some of them loose their magnetic qualities very fast, some keep them for a longer period of time. Molecules of ferromagnetic materials are like small magnets. We call them dipoles and they are grouped into domains. When a material is magnetized, all domains are arranged and they create a magnet.

Magnetism is one of the most mysterious scientific events. Magnetic power is invisible and in spite of that can move objects without touching them.

The power of magnets seems to be magical.

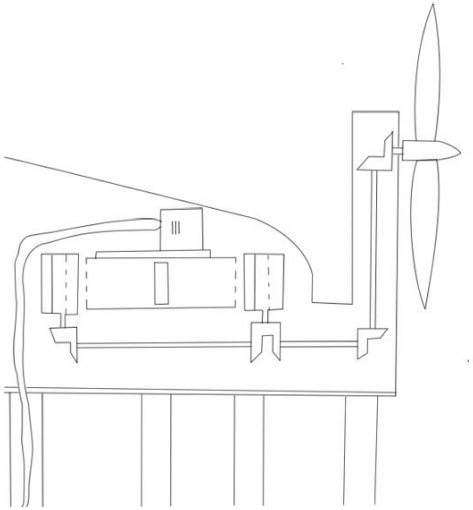
This amazing power can toys „make visible“. There are toys that use attracting and repelling of magnets, evently temporary magnetism of some materials.



Science as a toy.

Man use the power of magnets in many aspects of living.

Magnetic power station
(idea of Lukáš Počatko)



This power station uses the power of sea streams and magnetic gravity together. Sea stream spins turbine which spins gear wheels.

Steel roll which is inside the plastic roll moves towards the magnetic which is opposite the roll and it produces static elektricity.

Power station stands on concrete columns which are in the same height as sea stream is.