

beauty follows form, form comes from nature, nature is hidden mathematics

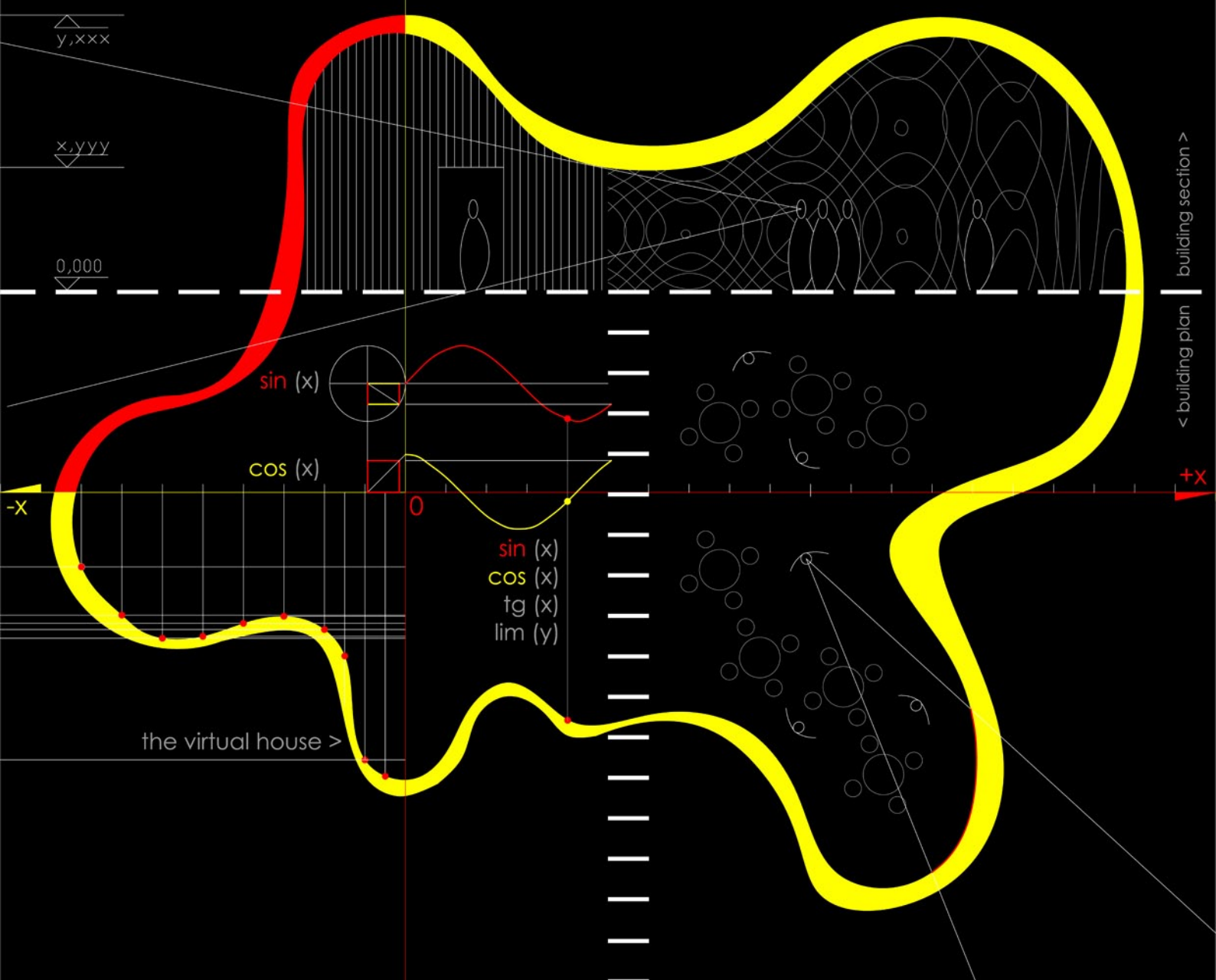
The contemporary architecture is mostly designed by using orthogonal system (module, raster, golden cut). It is defined by linear mathematical function and it has possibility to create only cubic space. Composition of the cubic space is defined by verticality or horizontality.

Inspiration how to design organic space is hidden in nature and mathematic. The goniometric functions **sinus**, **cosines**, **tangents** and their shapes and combination creates a new organic module, raster which is easy to find in nature by using microscope.

Only **concrete** has the power to conceive an idea of the **mathematical nonlinear function** which has itself a different quality of robustness, repetitiveness, exactness and together have possibility create the unique shell with static and design harmony.

The virtual house (example):

Architecture has its external and internal content, and the both sides of the coin. It has own character, face, atmosphere, and its spirit. Nonlinear mathematical function is the skeleton of the building. The concrete coat forms the inner and outer case, and the surface and the lining. It has a structure and layers, and it protects from the sun, frost, water and the wind. **The vertical and horizontal merged in the house shell, and the vault is returned.** The present coquettes whit the past, the new idea base brings a new image. **This is not a disguise, but the solution of the material and shape essence.**



inspiration by nature

