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| IDENTIFICATION INFORMATION / English

Project name	ROBUSTENSS
Prize	Laureate - 1. national prize / Sweden
Type	International idea competition Concrete Design Competition – ROBUSTNESS
Year	2003 / 2004
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| ACCOMPANYING REPORT

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 the possibility to create only cubic space. The composition of the cubic space is defined by verticality or horizontality.
- How to design organic space? The answer 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 the possibility to create an unique shell with static and design harmony.

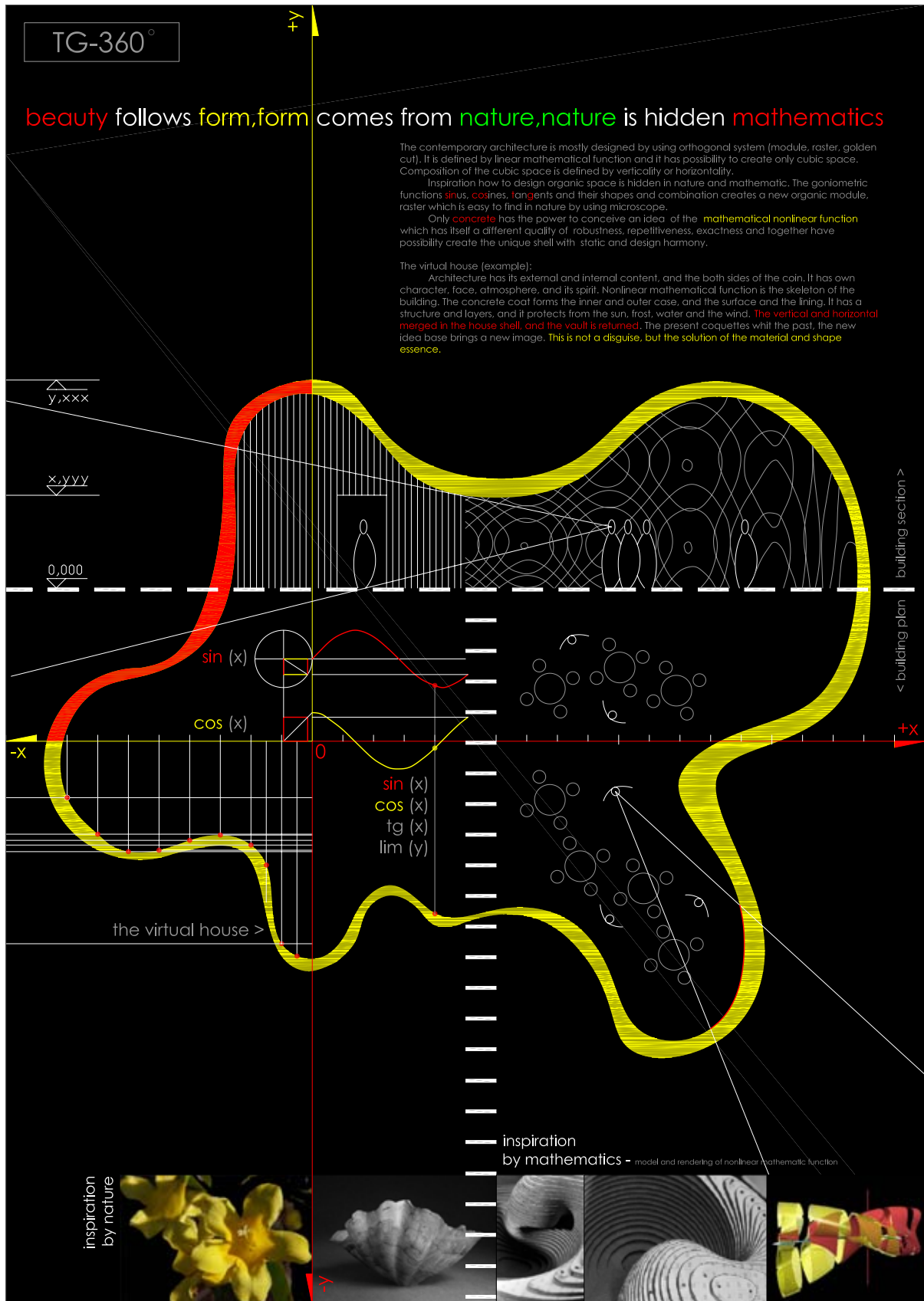
The virtual house (example):

- Architecture has its external and internal content - both sides of the coin. It has his own character, face, atmosphere, and 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 coquets with the past, the new idea base brings a new image. This is not a disguise, but the solution of the material and shape essence.

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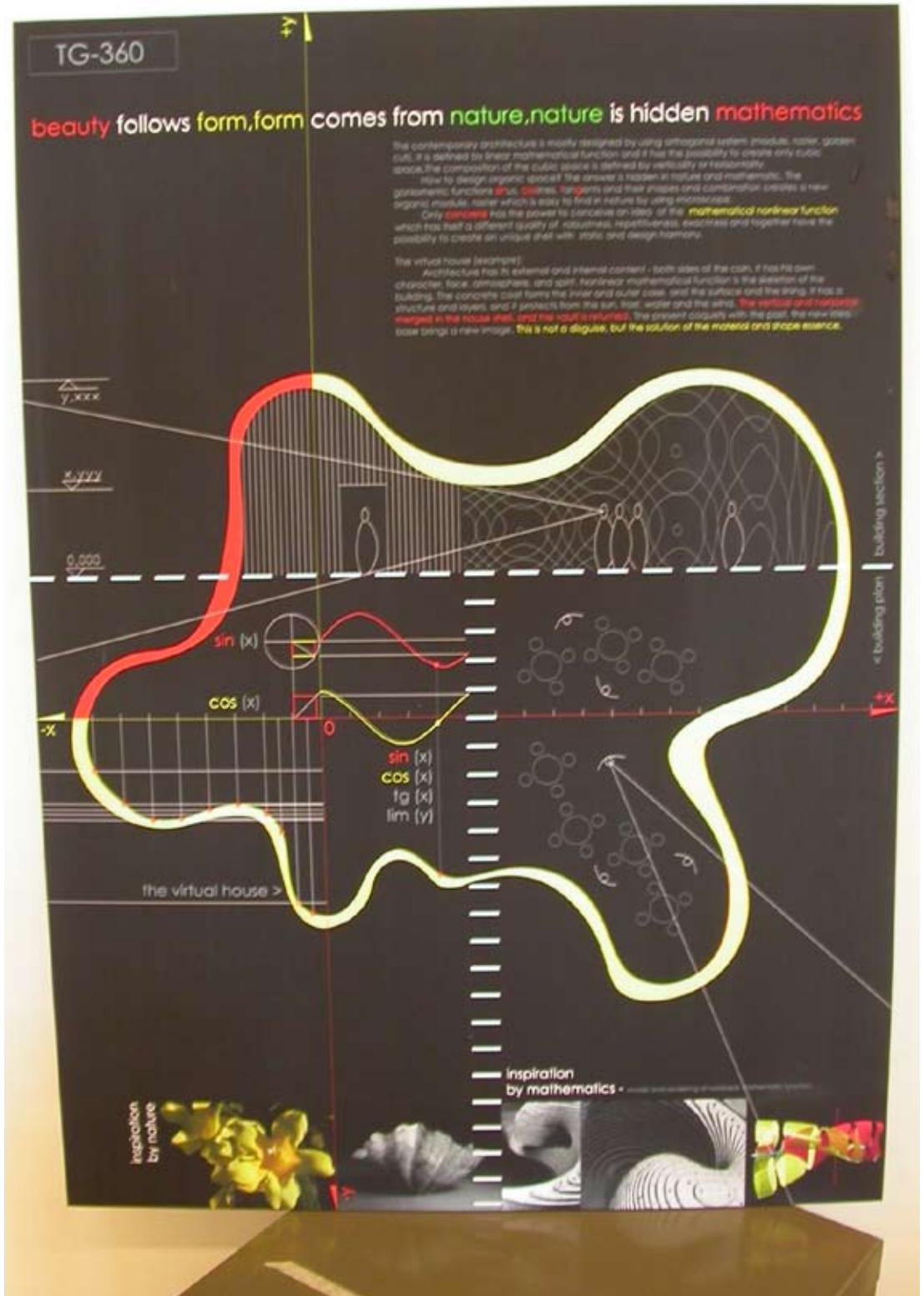
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