# SACRED GEOMETRY AND ARCHITECTURE


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# BIOFRACTAL ANALYSIS OF PROJECTS CARRIED OUT BY ARQKA

***5.10- Montessori School Bioss Lilah: geometric and semiotic analysis, a project designed with the principles of Biological Architecture and Sacred Geometry.***

The project began in 2008 on a 2,000-meter lot at the top of a hill in Xalapa Veracruz. There were already built spaces and we wanted to see how to expand the new places according to the principles of Biological Architecture. In order to know the geometries that we had to use in the project at the conceptual level, we made analysis of the harmonics of the voice, studies of morphic resonance, archeometry and deep psychology. That gave us the base and the ideal names for the project. The whole concept was named as Bios and it includes the concatenation of 4 projects that were dispersed. Bios's Lilah, a Montessori school; Bios's Nature, a ranch of organic food production; Bios's Seeds, the distribution and storage store; Bios's Gaia a space to inhabit buildings designed with Biological Architecture.

Subsequently, an analysis of the harmonic inclusivity of the electromagnetic field was made to know which geometric shape the place had. We read what the place predisposes to be built there and so with the physical form, to potentiate the life force that the terrain already exists. The heart or center of implosion was located doing a ceremony to honor the Earth on the day of the inauguration of the first stage of the project. We transformed these geometric templates by angular references of wavelength and obtained the range of colors to be used in space. The exact mathematics and link between form, place, colors and sounds: a heterodynamic conjunction of waves that generate a point of gravity.