

# SACRED GEOMETRY AND ARCHITECTURE



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## BIOFRACTAL ANALYSIS OF PROJECTS CARRIED OUT BY ARQKA

*5.1- Amma Center: geometric and semiotic analysis of Centro Amma, a project designed with the principles of Biological Architecture and Sacred Geometry.*

The Centro Amma project is located in the State of Morelos, Mexico and is an eco-boutique hotel with 22 duplex rooms. It was designed so that the ground floor is a physical toroid and a space for therapies and the upper floor a free vaulted space that functions as a guest room. The base geometry of the project was deduced by the spiritual function that it sought to facilitate: activate the pineal gland. From the sphere of the real where the pineal gland physically has the shape of pineapple or conifer, architectural forms constructed with superadobe were proposed, thus satisfying the need for the constructive system of vaults demanded by this material, in the form of a conifer of two levels.