

SACRED GEOMETRY AND ARCHITECTURE



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THE MESOCOSMOS AND BIOLOGICAL ARCHITECTURE.

2.10- Electricity and magnetism: longitudinal waves and transverse waves

There are three types of waves. The electric transverse waves or Hertzian waves. Scalar waves, electric longitudinal waves or teslas waves and magnetic longitudinal scalar waves or vortical waves.

Longitudinal waves are waves whose propagation direction is parallel to the direction of vibration. They move from right to left generating compression and expansion (or rarefaction) movements like sound waves. They need a means of propagation, like sound. Also, there are electric longitudinal waves called scalar waves as demonstrated by the physicist N. more than a hundred years ago.

Tesla, with his experiments. This is possible by extending Maxwell's field theory for electric field vortices.

These so-called potential vortices can form a structure and propagate in space by their particle nature as a longitudinal shock wave. This concept is based on the vortex model of the transverse waves are waves that their direction of vibration is perpendicular to the direction of propagation, they move from top to bottom, generating a crest and a valley, the movement of electromagnetic radiation. They do not need a means of propagation.

There is the electric field in its longitudinal direction and the electric field in its transverse direction. But there is also the scalar or longitudinal magnetic field and the transverse magnetic field. DNA and biology use this scalar magnetic field. This has been tested in different experiments by the German scientist Dr. Konstantin Meyl.

