SACRED GEOMETRY
AND
ARCHITECTURE

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Arquitectura Biológica

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MICROCOSM AND FRACTAL SCIENCE

3.13- The hexagonal and triangular symmetry: the Vector Balance

When six spheres are wrapped around a central sphere, a hexagonal pattern emerges. This pattern can extend outward, increasing the number of spheres of each while maintaining the hexagonal symmetry. When the centers of the spheres are connected, a triangular pattern appears, based on a hexagonal symmetry. From the hypothetical 2-dimensional plane of six spheres around one, we packed six more spheres and arrived at a three-dimensional arrangement of 12 spheres packed around a central sphere. What in different currents of spiritual, religious and mystical thought is represented as the Anointed One and his twelve disciples or demigods. Connecting the centers of all the tangential spheres creating a geometric shape called cuboctahedron, or what B. Fuller called the Equilibrium Vector. I call him that in 1940 recognizing its unique property