SACRED GEOMETRY AND ARCHITECTURE

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MICROCOSM AND FRACTAL SCIENCE

3.12- The Flower of Life and the Fuller Model

A major aspect of B. Fuller's research in energy-synergetic geometry is based on what is called "the closest packing of spheres". When spheres of the same size are packed in such a way that they touch each other tangentially, geometric patterns emerge. Fuller studied this extensively and applied many of his findings to the symmetries and frequencies of the atomic elements. For Biological Architecture there are three characteristics in this packing of spheres that are very important: the hexagonal and triangular symmetry (packaging in a 2-dimensional hypothetical plane); the symmetry of the Vector Balance (packing in 3-dimensional space); and the isotropic vector matrix (infinite radial arrangement).