Using *I Ching* Power to Picture Multiple Dimensions



in a Complex Hyper-Spherical Geometry

By James Richard VanDyke

A complex hyper-sphere models a bubble; it is complex because the membrane has a dual surface, one inside and one outside. The Cover stands for a Cooper pair of electrons that joins a left-handed and a righthanded pair of tetrahedra forming a star tetrahedron. This merger is a model of a Cooper pair with spin-one. Each geodesic arc holds an edge of a spherical tetrahedron and defines a half plane. In a spin-one entangled pair, the corresponding diametrically opposite edges complete these planes, forming a ring, their spins add together, and they share the same spatial proximity. The cover image shows this with the six planes of corresponding colors. When the merger does not form a ring, their spins cancel, resulting in a Cooper pair with spin-zero. The cover image displays three pairs of planes that are mutually perpendicular; they have twelve edges that represent twelve dimensions. The display medium stands for time and together they combine for a total of thirteen dimensions of matter.