# Developing A Validation Principle In Art

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Is geometry empirical? We find truth in geometrical structure as the visual and artistic enterprise offers solutions for validating relationships experienced in my art. To deduce nomographically that the structural component is expressed in geometrical terms provides and demonstrates proven principles are a fact. Should the integration of geometrical values in a picture plane stand as a proven fact from experience? Geometrical axioms and theorems have given a result in art. Geometrical laws offer a formal language of expression that may stand as an ultimate fact. The science of geometry and its modern developments may be one of the most original creations derived from the human spirit. This language of geometry is abstract and formal that I have re-invented for my artworks. This is the thesis that I will proceed to exemplify. It has been widely thought that the certainty of the characteristics of number, and structure in mathematics is a reason for the certainty of our geometrical knowledge of the space of the physical universe. The question of geometry as mathematical object remains a major concern. Geometrical conditions as a general analogy holds particular relations in the artworks observed by the viewer suggests a direct perception of nature.

Constructivism has lead me to mathematical assumptions in geometry that I have displayed throughout my artworks. Demonstration of collinear points distinguishes a major visual format and formulation for the basis of the work. In order to declare and add proof or confirmation to the validation of the work of art we must give attention not only to the numerous complex aesthetic issues but also to a real underlying nature supportive to the picture plane. In this matter we are fundamentally concerned with the intrinsic network of thought determined by a direct uniform property. Such is a coplanar family of lines which pass through a common vertex. To every property in relation to each other which points can have, there corresponds some locus, which consists of all the points possessing the property.

Color relationships help to simplify the ordering of experience by filling spatial regions on the picture plane. In terms of painting itself much is based on intuition although it is important to recognize that from my background the mathematical connection is almost inevitable. Allowance for change, artistic style, and new possibilities is inclusive of growth potential is a natural phenomenon and rule.
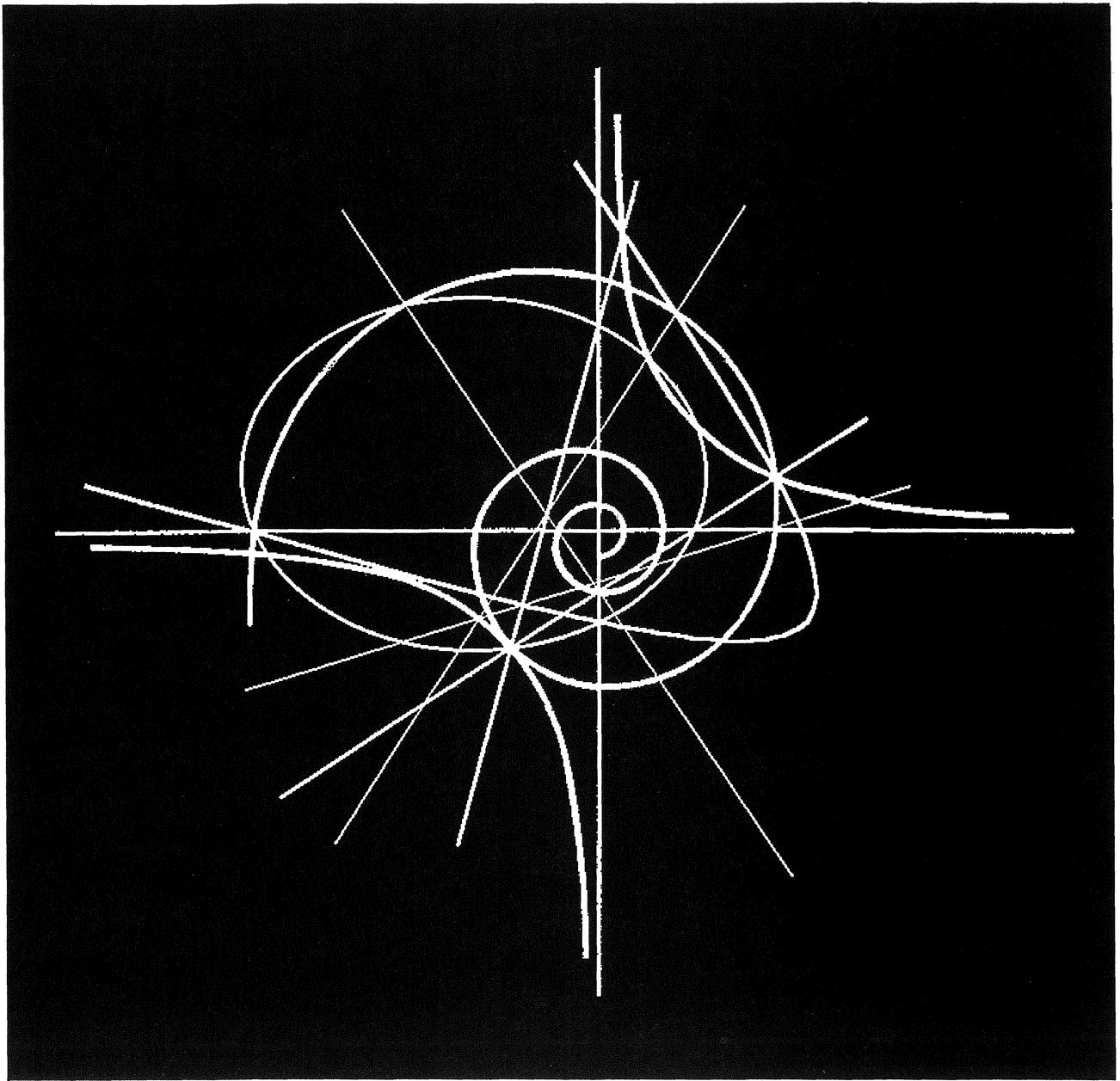
Clifford Singer, *Conchiform,* 2001 (c), Acrylic on canvas, 30 x 30 inches