"SOME PROBLEMS IN THE GEOMETRY OF VISUAL PERCEPTION"
FRED ROBERTS AND PATRICK SUPPES

This article deals with the geometry and kinematics of visual perception. Some specific models are analyzed, and an important but too little known theorem of Horace Lamb's concerning the impossibility of perceiving all straight lines as straight is stated and proved. Some attention is given to the problem of concept formation in terms of a template model for processing elementary perceptual properties.

ANNOUNCEMENT
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
Section L—History and Philosophy of Science
Program for Annual Meeting, New York City, December 27-30, 1967

General Topic: *Statistical Explanation*

Wednesday, December 27

9 a.m. Chairman: Arnold Koslow, Brooklyn College
   Symposium: The Problem of Statistical Explanation
   Isaac Levi, Case Institute—Western Reserve
   Richard Jeffrey, Pennsylvania
   Wesley Salmon, Indiana

2 p.m. Chairman: Peter Caws, City University
   Symposium: Comparative Methodology of the Physical and Social Sciences (joint session with section L3, Society for General Systems Research)
   Richard Rudner, Washington (St. Louis)
   Sidney Morgenbesser, Columbia
   William Sacksteder, Colorado

Thursday, December 28

9 a.m. Chairman: Albert E. Blumberg, Rutgers
   Symposium: Statistical Explanation in Physics—the Copenhagen Interpretation
   Richard Schlegel, Michigan State
   Arthur Komar, Yeshiva
   Joseph Sneed, Stanford

Saturday, December 30

9 a.m. Chairman: Stephen Spielman, Hunter College
   Symposium: Statistical Explanation in the Social Sciences
   Joseph Hanna, Michigan State
   Roger Rosenkrantz, City College
   Paul Diesing, Buffalo

12 noon. *Luncheon and Vice-Presidential Address*
   Structure, Statistics, and the Logic of Discovery
   Peter Caws, City University