

COMMENTS ON THE LYM ANIMATIONS OF KEPLER'S NEW ASTRONOMY

Class with Bogotá LYM.
by Pierre Beaudry

1. WEDNESDAY OCT. 4, 2006. New Astronomy, Chapter I THE FALLACY OF GEOMETRIC MODEL MAKING IN ASTRONOMY.

The purpose of this class is to study the LaRouche science of forecasting economic crisis through anomalies and paradoxes of astronomy that Kepler studied, mastered, and resolved. The opening statement of the animation by this quote by Lyn is quite a propos:

{The relevant types of non-linear forms of causal action linking successive, "observable" points in an economic, or related process, are of the form expressed by such types of transcendental functions. Walking a student through the steps by which Kepler transcended the errors of Copernicus and Brahe, in the discovery of the principle of universal gravitation, introduces the habits of creative thinking which it is indispensable that we must develop further for grasping the practical meaning of the dynamic form of "non-linear" functions as a replacement for intrinsically defective mechanistic method of the type commonly employed in statistical economic studies today.}

– Lyndon LaRouche, [What Connects the Dots](#), January 21, 2006

This implies that for Kepler, astronomy cannot be understood through geometrical models, but through the crisis that such models represent. From that vantage point, astronomy is not a deductive science founded on geometry, because geometers will tend to force reality to correspond to their models and to their mathematics. That is where geometry can become a source of sophistry.

{The science of Astronomy is the exploration of how man is created in the image of God.} So, this class is not going to be about astronomy or about geometry, but about creativity. The question is not what does the universe look like, but how does God make it work? It is about how God made the universe and about why He made it so difficult for man to figure out that it was created through ironies, such as the retrograde motion of Mars. Think of it as the *{original sin function}*.

If you say that the three models of Copernicus, Ptolemy, and Brahe are fallacies of composition and sophistries, this is not easy to prove. The so-called "elliptical model" of Kepler is also sophistry. The difficult part is to show that the useful function of such models is that they must be replaced by universal physical principles, which can only be captured through the apertures of their anomalies, like in the case of the Mars paradox.

Upon a first examination of the periodical anomaly of Mars (p. 118-119.) it became clear that such a retrogression behavior first required a geometrical explanation. However, the three explanations by the opposition of the sun do not satisfy the investigation about the causal powers behind such an anomaly. They show how it might happen but not what causes it to happen.

At the end of the class, Oscar proposed to set up an international LYM group to take measurements of Mars during the coming period. I proposed to do this with the collaboration of Rick Sanders, who has agreed to do it, and who will coordinate this with me from Leesburg. I told him to get in touch with Max. He should have done it by now.
