The Making of the Divine Proportion

This simple drawing reveals a lot, but like Hermes put it, *The lips of wisdom are closed, except to the ears of Understanding.* Or in this case, eyes. The length of the square, in green, is one. The hypotenuse in magenta is √5 or 2.2360679.. The blue line is double the green. In red is 'phee' sometimes labeled lowercase phi. In Gold, Phi. The circle, as it seems in these drawings, is vital to the existence of this divine proportion.

The double square encodes Phi with the help of the circle. If the length of one square is one, the double-square's perimeter is six, and the cross section(in magenta) is the square root of five. This relationship of 5 to 6 is encoded into the fabric of our reality. Five is the number of life, and Six the number of structure. These two archetypes combine to construct our numerical universe.

"He who joins the hexagram and pentagram has solved half of the sacred secret." –Eliphas Levi (19th century magician)

"Some of the greatest mathematical minds of all ages, from Pythagoras and Euclid in ancient Greece, through the medieval Italian mathematician Leonardo

of Pisa and the Renaissance astronomer Johannes Kepler, to present-day scientific figures such as Oxford physicist Roger Penrose, have spent endless hours over this simple ratio and its properties. But the fascination with the Golden Ratio is not confined just to mathematicians. Biologists, artists, musicians, historians, architects, psychologists, and even mystics have pondered and debated the basis of its ubiquity and appeal. In fact, it is probably fair to say that the Golden Ratio has inspired thinkers of all disciplines like no other number in the history of mathematics." -Mario Livio