Mitchell Johnston 5/6/2003 12:32 PM

Bibliography

<u>http://mathworld.wolfram.com/GoldenRatio.html</u> - This is a website that contains an article on the golden mean. The article was written by Eric W. Weisstein. This article contains loads of information on the golden mean or as he calls it the golden ratio.

<u>http://goldennumber.net/index.html</u> - This website is a site that focuses strictly on the golden mean. This site has several different links to information on the golden mean. Examples include; the golden mean in the bible, the golden mean in plants, and the golden mean in life.

<u>http://www.vasti.net.mcemc/golden.htm</u> - This website tells how the golden mean relates to nature, number series, geometry, and pure math. It also includes a link that derives Phi exactly, and a link that enables you to unfold the golden rectangle.

<u>http://www.mcs.surrey.ac.uk/Personal/R.knott/fibonacci/phi.html</u> - This website tells a simple definition of Phi. This site does not call it the golden mean however, it calls it the golden section or the golden ratio. It also shows the symbol for phi as well as other names for Phi. This site also tells a small amount of history regarding Phi.

<u>http://www.mcs.surrey.ac.uk/Personal/R.Knott/fibonacci/fibnat2.html</u> - This site gives information on Fibonacci numbers and why the golden section s the best arrangement for different things found in nature, as well as packing squares and rectangles, and circles.

<u>http://www.community.middlebury.edu/~humanities/TheGoldenMean.html</u> - This web site is a paper that has been written by William Harris. A professor at Em. Middlebury College. This paper states problems which relate to the Golden mean, and it goes different directions in order to explain the origin of the golden ratio and where it is found in the world of mind and matter.

Livio, Mario. The Golden Ratio. Broadway Books Pub Co., New York, 2002.- This book is a great resource to the Golden Ratio. It has a lot about the history of the Golden Ratio and it also goes through how Geometry relates to the Golden Ratio. It also goes through different examples of how the golden section is used in them, such as pictures and problems.