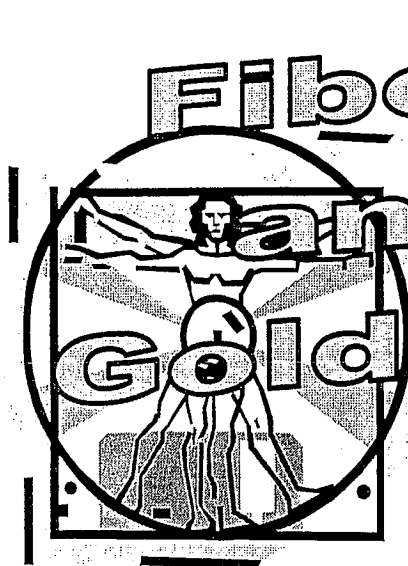


Fibonacci and the Golden Ratio



The Fibonacci sequence is a famous sequence of numbers named after an Italian mathematician who studied them in the 13th century.

What is the sequence?

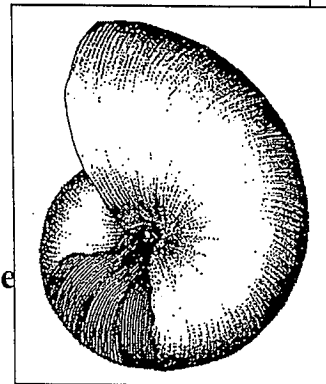
What is the pattern that determines the next term in the sequence?

How do Fibonacci sequences appear in nature?

What is the Golden Ratio?

What objects best display the Golden Ratio and how?

Create an image that represents the Golden Ratio and incorporate value and tone into your design. You can use the ideas of Andrew Goldworthy as an inspiration for your design.



Where to start?

The Geometry Junkyard

<http://www.ics.uci.edu/~eppstein/junkyard/spiral.html>

Math and Art: The Golden Rectangle:

<http://educ.queensu.ca/~fmc/october2001/GoldenArt.htm>

Andrew Goldworthy

http://cgee.hamline.edu/see/goldworthy/see_an_andy.html