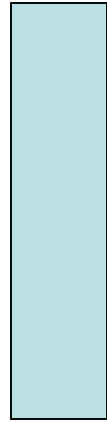


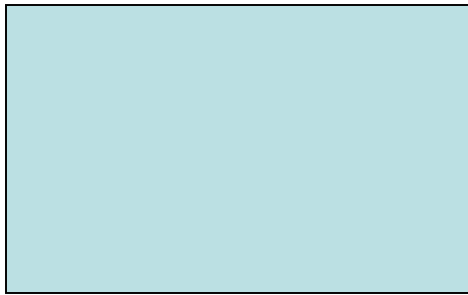
Rectangle #1



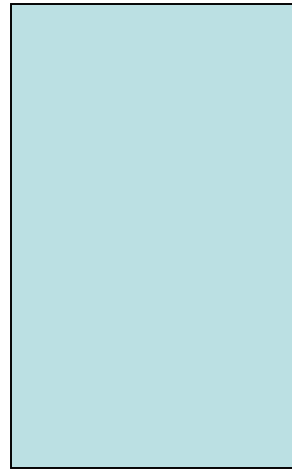
Rectangle #2



Rectangle #3



Rectangle #4



Rectangle #5

Figure 2.1 Assorted Rectangles

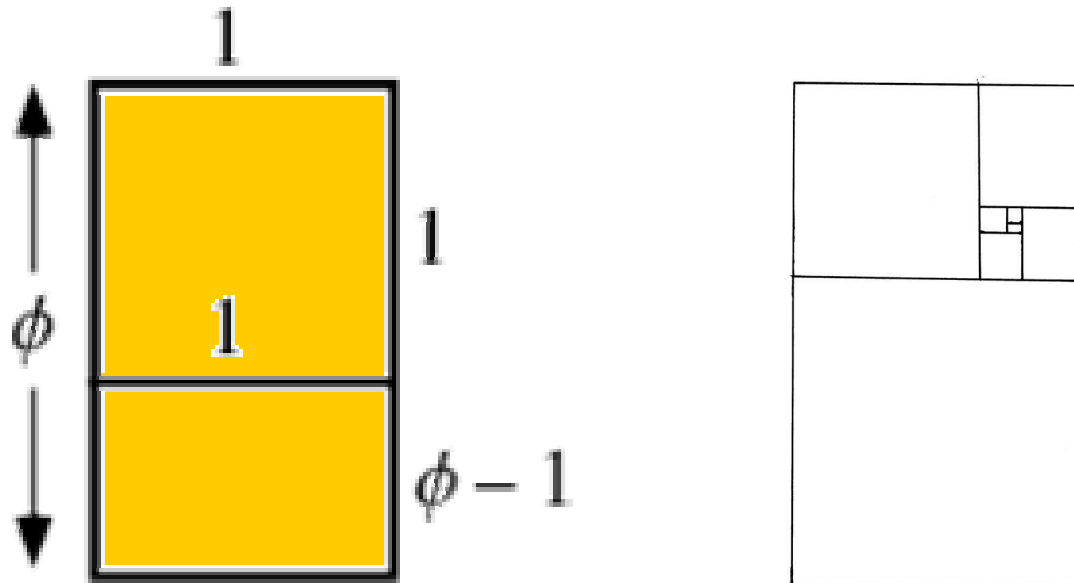
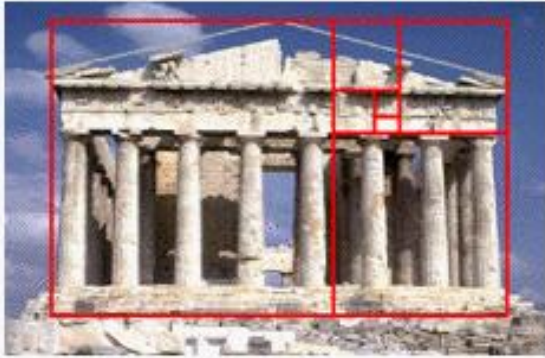
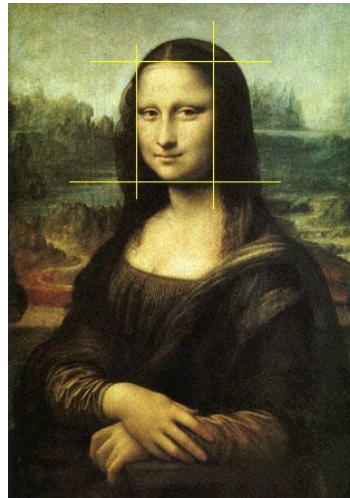


Figure 2.2 The Golden Ratio



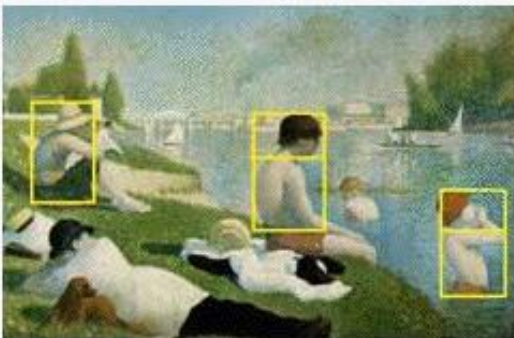
The Parthenon



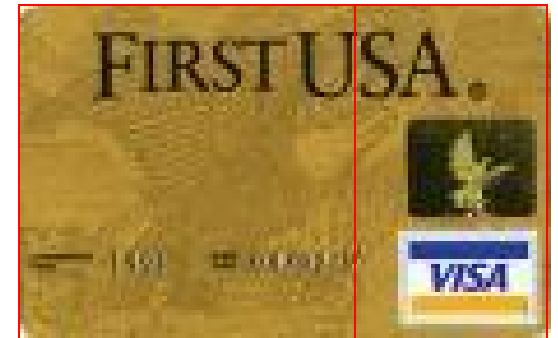
Da Vinci



Monet



Mondrian



Golden Gold Card

Figure 2.3 Faces of the Golden Ratio, ϕ

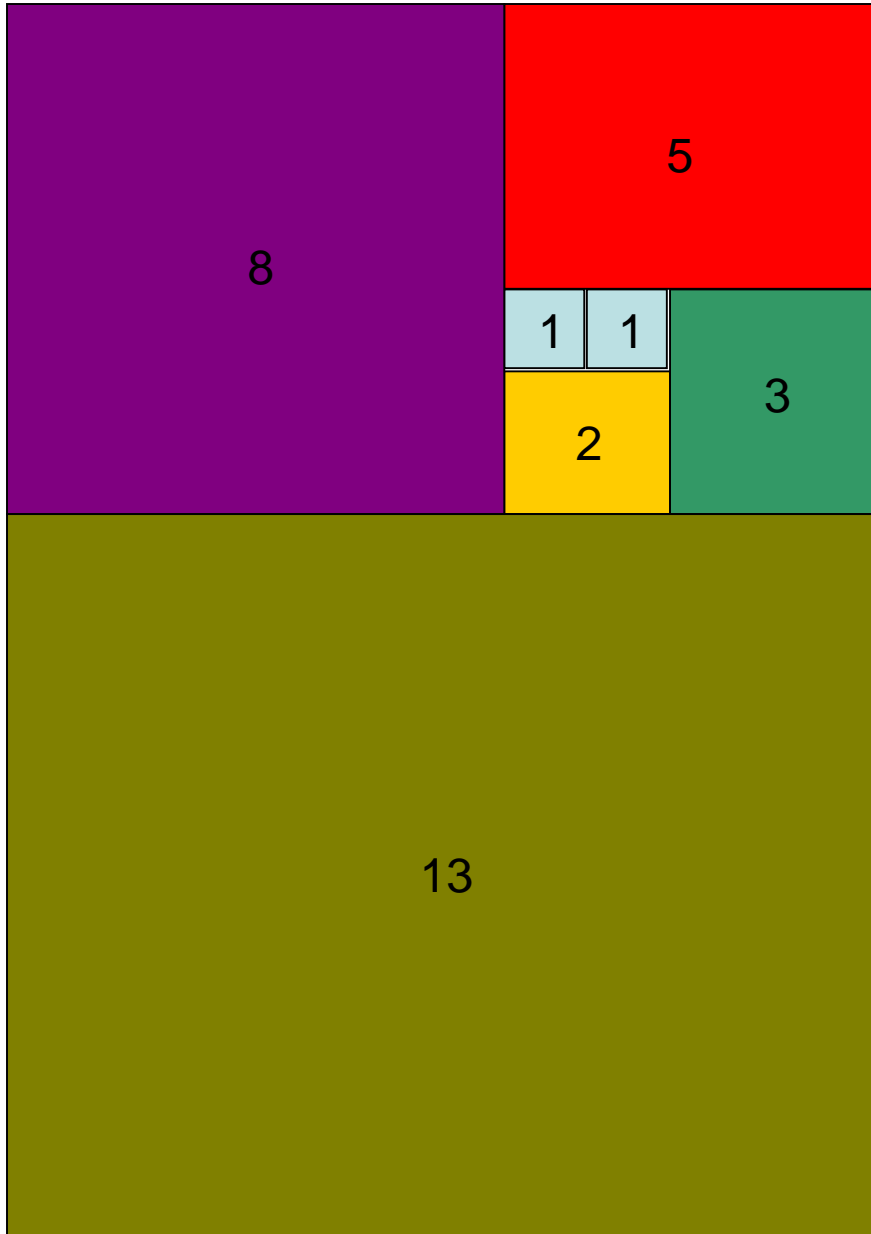
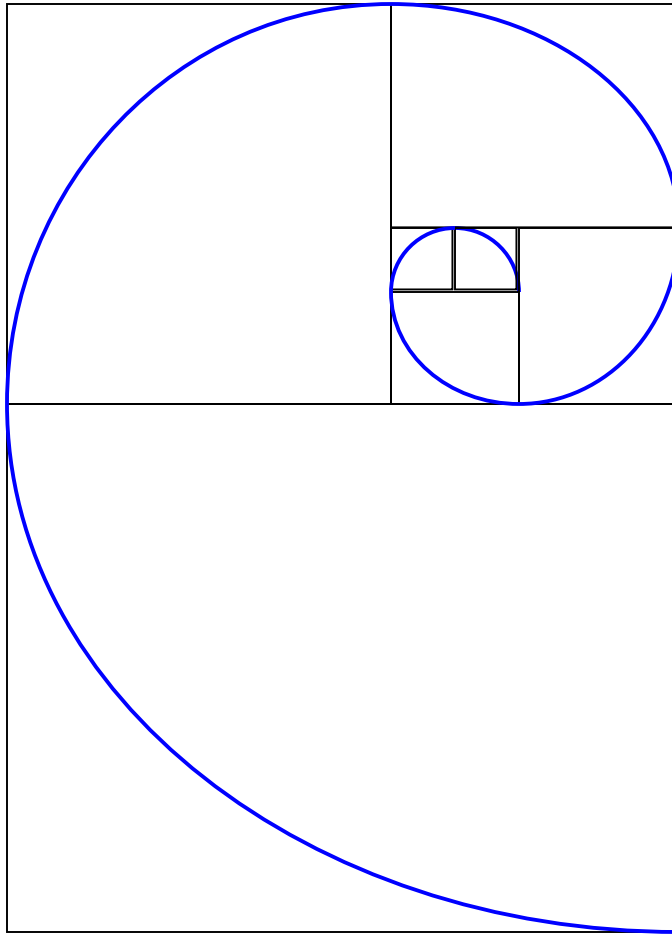
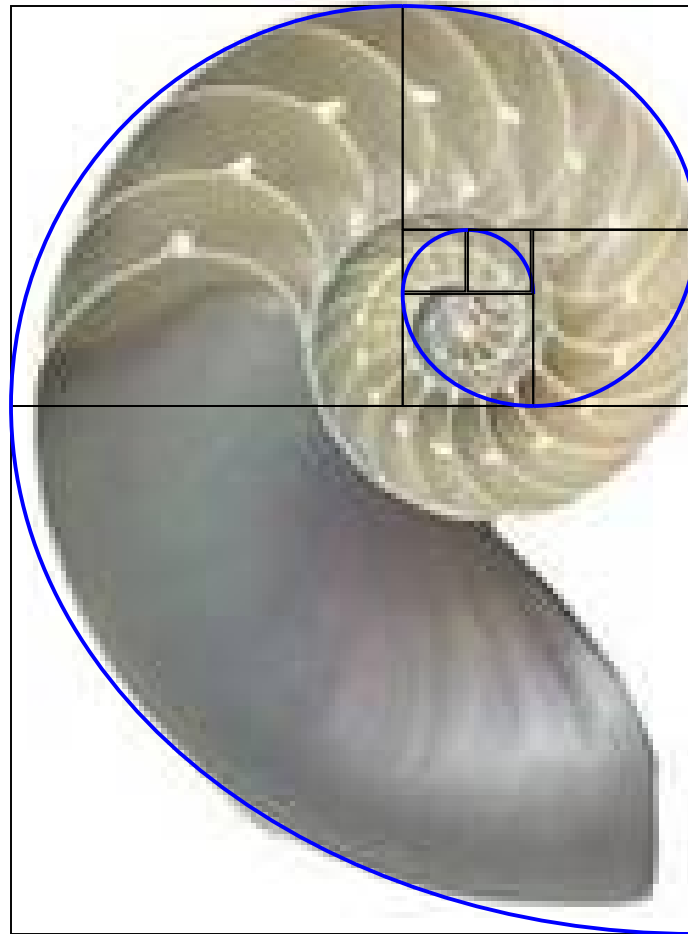


Figure 2.4
The Fibonacci Series
via Geometry

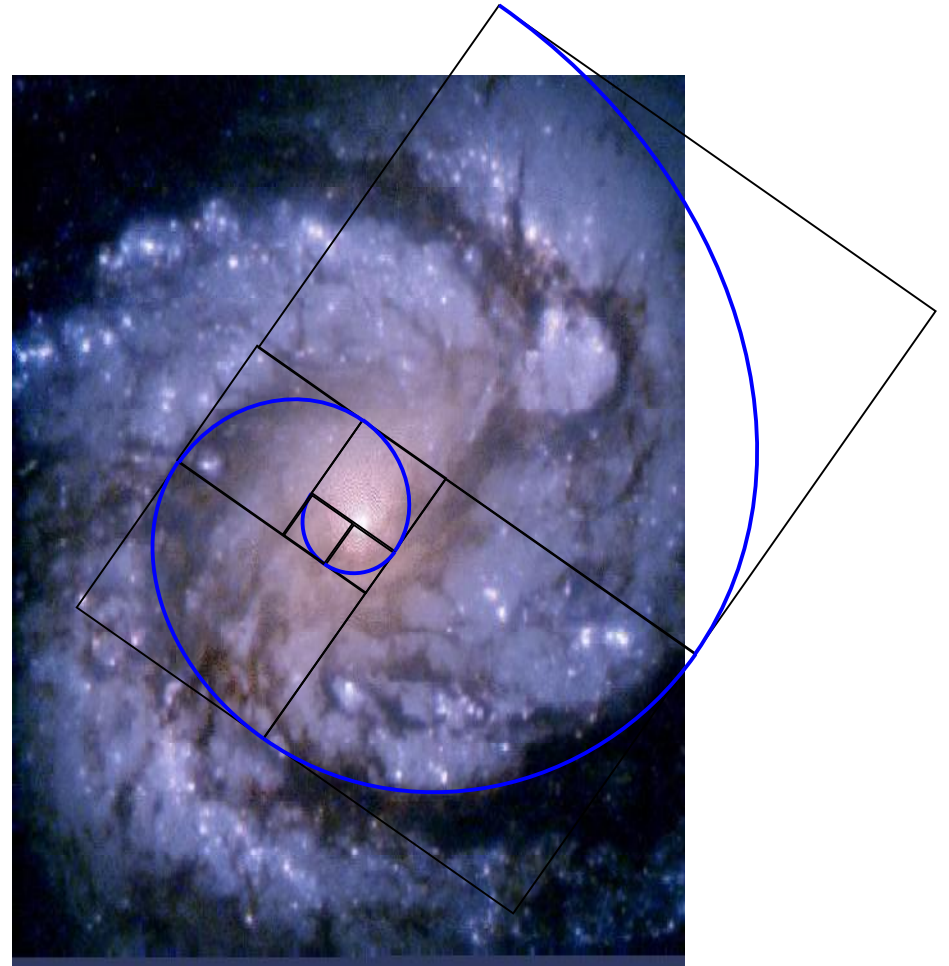
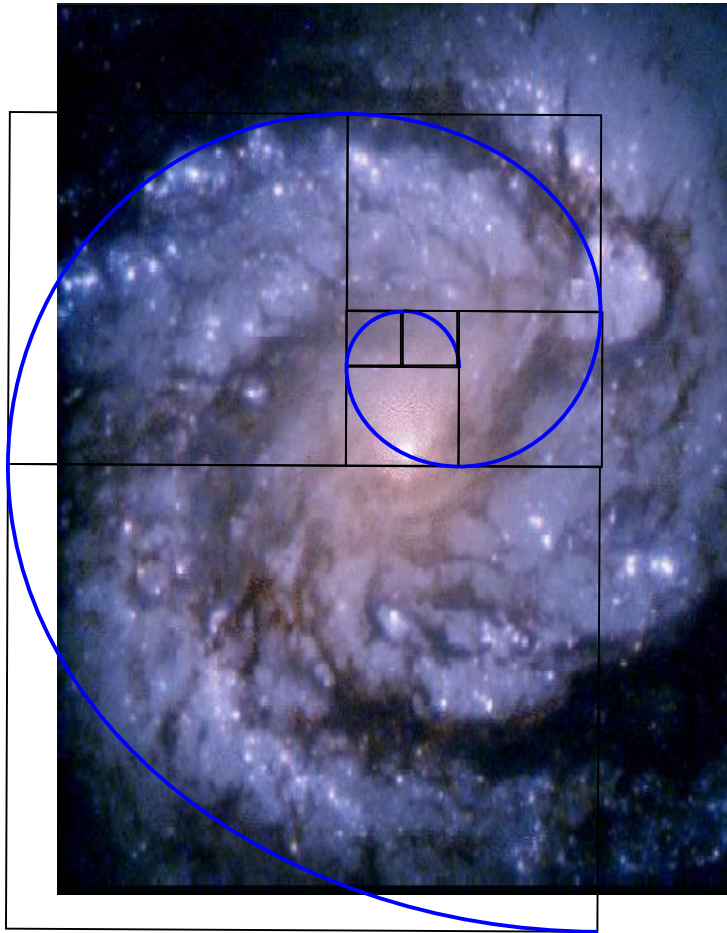
$$\begin{aligned}\emptyset^2 &= \emptyset + 1 \\ \emptyset^3 &= 2\emptyset + 1 \\ \emptyset^4 &= 3\emptyset + 2 \\ \emptyset^5 &= 5\emptyset + 3 \\ \emptyset^6 &= 8\emptyset + 5 \\ \emptyset^7 &= 13\emptyset + 8 \\ \emptyset^8 &= 21\emptyset + 13\end{aligned}$$

Figure 2.5 The Fibonacci Series via Algebra





**Figure 2.7 The Fibonacci Spiral
in a Nautilus Shell**



**Figure 2.8 The Fibonacci Spiral
in Spiral Galaxy M100**

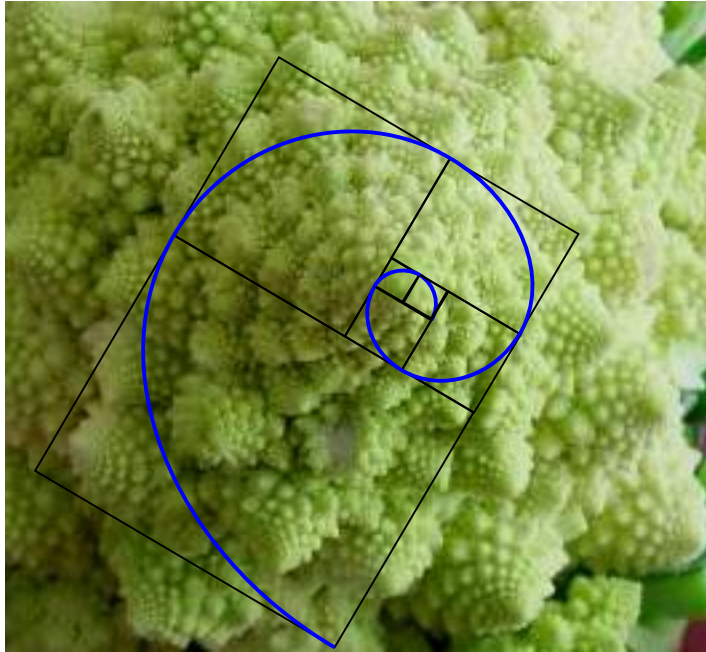
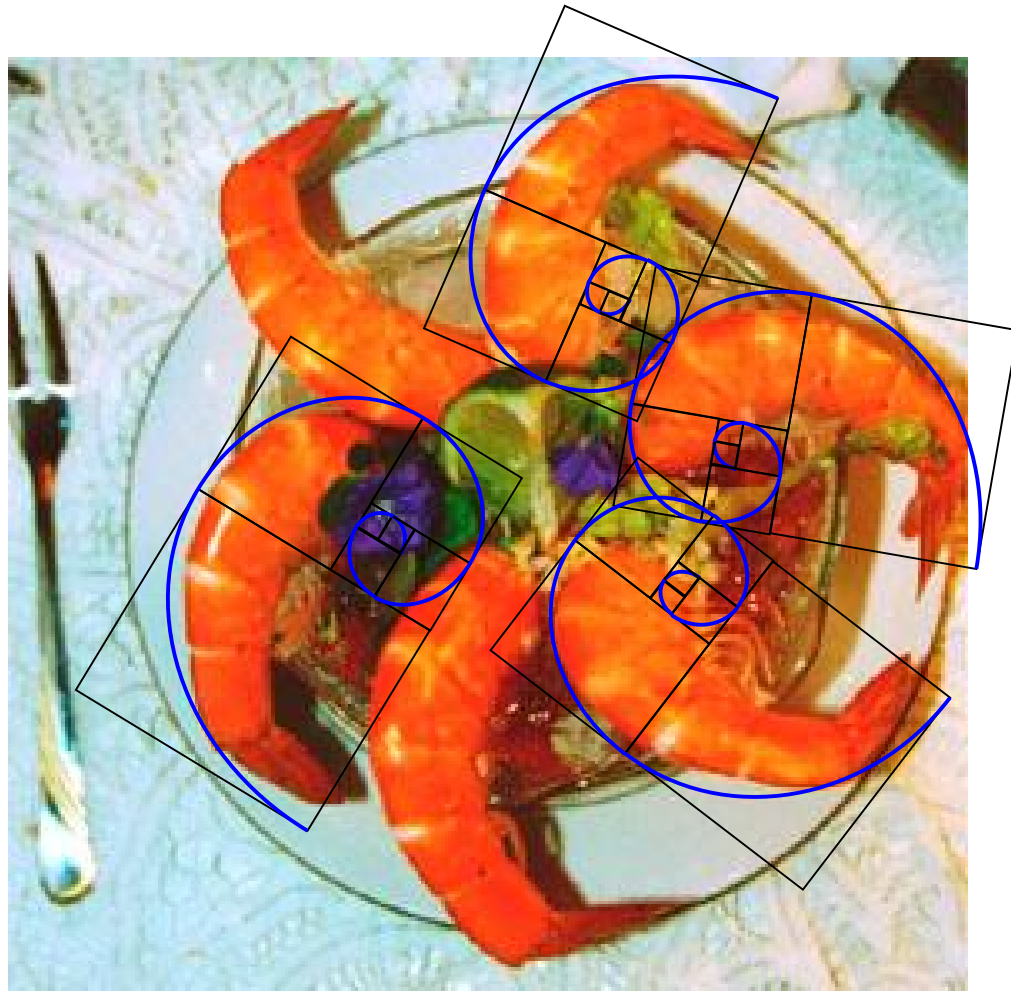


Figure 2.9 The Fibonacci Spiral in a Cauliflower



**Figure 2.10 The Fibonacci Spiral
in a Shrimp Cocktail**

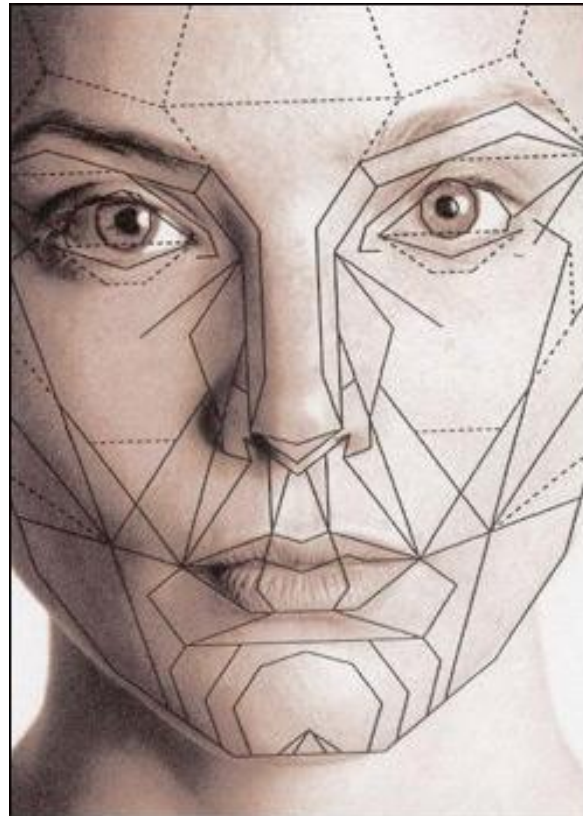


Figure 2.11 Geometry of Beauty

“Standards of beauty may be related to natural mathematical proportions which have captivated humans across cultures

since the beginning of time, such as the golden ratio.”

www.ocf.berkeley.edu/~www/psychology/attraction.shtml