



## pOST nEO gEOMETRY:

Paintings developed with the Fibonacci Sequence and the Golden Ratio

In the Fibonacci Sequence (0,1,1,2,3,5,8,13,...), each term is the sum of the two previous terms (for instance,  $0+1=1$ ,  $1+1=2$ ,  $1+2=3$ ,  $2+3=5$ ,  $3+5=8$ ,...). As you go further and further to the right in this sequence, the ratio of a term to the one before it will get closer and closer to the Golden Ratio. The Golden Ratio is a special number approximately equal to 1.618033988...

This magic number appears in nature in sea shells, plant and flower design, proportions in the human body and all of creation you can imagine. It is considered a divine proportion in that the most beautiful and balanced occurrences in nature conform to this ratio. Architects, artists, mathematicians and physicists use this number to design, explore and explain the world around us.

pOST nEO gEOMETRY is a direct exploration of this phenomena. All paintings in this series conform to a rigid structure based upon the Fibonacci Sequence and the resulting Golden Ratio. For more examples of these unique math-paintings go to:

<http://www.fLANSBURGdESIGN.com>