Fibonacci Sequence, Golden Ratio and Nature

by

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Abstract:

In 1202, the Italian Mathematician Leonardo Bonacci known as Fibonacci, investigated how fast rabbits could breed in ideal circumstances. We shall use this example to introduce the Fibonacci sequence, describe more examples in real life where Fibonacci numbers and Golden ratio occur naturally. We shall further show how to use simple mathematical tools to derive an explicit expression for Fibonacci numbers.

Thursday, February 12, 2015
3:50-4:00 Refreshments
4:00-5:00 PM
MonH 70
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