

# Fibonacci and Lucas Numbers, and the Golden Section

Theory and Applications

$$\sum_{i=0}^{2n} \binom{2n}{i} L_i^2 = 5^n L_{2n}$$

Steven Vajda

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# Fibonacci and Lucas Numbers, and the Golden Section: Theory and Applications

Steven Vajda

this article for complicated undergraduates and graduate scholars surveys using Fibonacci and Lucas numbers in parts suitable to operational research, statistics, and computational mathematics. It additionally covers geometric subject matters regarding the traditional precept referred to as the Golden Section, plus Meta-Fibonacci numbers and Platonic solids. 1989 edition.

## Fibonacci And Lucas Numbers And The Golden Section Theory And Applications

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