

Fibonacci Series C

Fibonacci sequence

the Fibonacci sequence is a sequence in which each element is the sum of the two elements that precede it. Numbers that are part of the Fibonacci sequence...

Fibonacci

Leonardo Bonacci (c. 1170 – c. 1240–50), commonly known as Fibonacci, was an Italian mathematician from the Republic of Pisa, considered to be “the most...

Fibonacci heap

In computer science, a Fibonacci heap is a data structure for priority queue operations, consisting of a collection of heap-ordered trees. It has a better...

Reciprocal Fibonacci constant

The reciprocal Fibonacci constant ϕ is the sum of the reciprocals of the Fibonacci numbers: $\phi = \sum_{k=1}^{\infty} \frac{1}{F_k}$
 $\phi = \frac{1}{1} + \frac{1}{1} + \frac{1}{2} + \frac{1}{3} + \frac{1}{5} + \frac{1}{8} + \dots$

Fibonacci cube

In the mathematical field of graph theory, the Fibonacci cubes or Fibonacci networks are a family of undirected graphs with rich recursive properties derived...

Fibonacci coding

In mathematics and computing, Fibonacci coding is a universal code which encodes positive integers into binary code words. It is one example of representations...

Golden spiral (redirect from Fibonacci spiral)

golden spiral. Another approximation is a Fibonacci spiral, which is constructed slightly differently. A Fibonacci spiral starts with a rectangle partitioned...

Lucas number (redirect from Lucas series)

closely related Fibonacci sequence. Individual numbers in the Lucas sequence are known as Lucas numbers. Lucas numbers and Fibonacci numbers form complementary...

Elliott wave principle (redirect from Fibonacci trading)

led him to conclude that “The Fibonacci Summation Series is the basis of The Wave Principle”; Numbers from the Fibonacci sequence surface repeatedly in...

Golden ratio (redirect from Fibonacci's Section)

Kamil (c. 850–930) employed it in his geometric calculations of pentagons and decagons; his writings influenced that of Fibonacci (Leonardo of Pisa) (c. 1170–1250)...

Recurrence relation (section Fibonacci numbers)

k previous terms. A famous example is the recurrence for the Fibonacci numbers, $F_n = F_{n-1} + F_{n-2}$...

Liber Abaci (section Fibonacci's notation for fractions)

1202 Latin work on arithmetic by Leonardo of Pisa, posthumously known as Fibonacci. It is primarily famous for introducing both base-10 positional notation...

Pisano period (category Fibonacci numbers)

the sequence of Fibonacci numbers taken modulo n repeats. Pisano periods are named after Leonardo Pisano, better known as Fibonacci. The existence of...

Mandelbrot set (redirect from Z^2+c)

conform to the Fibonacci number sequence, the sequence that is made by adding the previous two terms – 1, 2, 3, 5, 8, 13, 21... The Fibonacci sequence manifests...

Formal power series

form expression for the Fibonacci numbers, see the article on Examples of generating functions. One can use formal power series to prove several relations...

Dijkstra's algorithm

radix heap and the well-known Fibonacci heap runs in time $O((|E| + |V| \log C))$. Finally, the best algorithms...

The Powerpuff Girls (redirect from The Powerpuff Girls (1998 TV series))

new character named Fibonacci Sequins in the episode. The special was directed by Dave Smith, who directed episodes for the series in the past, and featured...

Hash function (redirect from Fibonacci hashing)

`unsigned hash(unsigned K) { K ^= K >> (w - m); return (a * K) >> (w - m); }` Fibonacci hashing is a form of multiplicative hashing in which the multiplier is...

Romanesco broccoli

sufficiently small. The number of spirals on the head of Romanesco broccoli is a Fibonacci number. The causes of its differences in appearance from the normal cauliflower...

Sequence (redirect from Sequence and series)

$b_{\{n\}}$ and c_n $\{\displaystyle c_{\{n\}}\}$, where the subscript n refers to the n th element of the sequence; for example, the n th element of the Fibonacci sequence...

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