Welcome Jacob Eric Simon (ORCID: 0000-0002-6572-3985)

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EJS_P1P0_N1P1

Nbre (10-500): 30

Exponential formula
Hyperbolic formula
Trigonometric formula

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Mode Admin: Universal Atlas of Geometric Constants GCEJS Derived from Linear Recurrences

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EJS_P1P0_N1P1 has already been provided to the Universal Atlas of Geometric Linear Recurrences.

Mathematic EJS_P1P0_N1P1 sequence

```
LinearRecurrence[{1, -1}, {1, 0}, 30]
a(n) = (-1)*a(n-2) + (1)*a(n-1)
Initial Terms: a(0) = 1, a(1) = 0
```

$$EJS\_P1P0\_N1P1(n) = a(n) = \frac{3\cdot 2^n}{3\left(1+\sqrt{3}i\right)^n+3\sqrt{3}i\left(1+\sqrt{3}i\right)^n}+\frac{2^n\sqrt{3}i}{3\left(1+\sqrt{3}i\right)^n+3\sqrt{3}i\left(1+\sqrt{3}i\right)^n}+\frac{3\cdot 2^n}{3\left(1-\sqrt{3}i\right)^n-3\sqrt{3}i\left(1-\sqrt{3}i\right)^n}-\frac{2^n\sqrt{3}i}{3\left(1-\sqrt{3}i\right)^n-3\sqrt{3}i\left(1-\sqrt{3}i\right)^n}$$

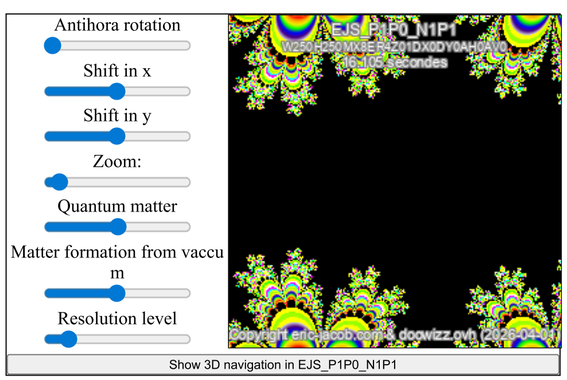
```
1,  0,  -1,  -1,  0,  1,  1,  0,  -1,  -1,  0,  1,  1,  0,  -1,  -1,  0,  1,  1,  0,  -1,  -1,  0,  1,  1,  0,  -1,  -1,  0,  1,  1
 a(10) = 0
 a(11) = 1
 a(12) = 1
 a(13) = 0
 a(14) = -1
 a(15) = -1
 a(16) = 0
 a(17) = 1
 a(18) = 1
 a(19) = 0
 a(20) = -1
 a(21) = -1
 a(22) = 0
 a(23) = 1
```

Sequence [1, 0, -1, -1, 0, 1, 1, 0, -1, -1, 0, 1, 1, 0, -1, -1, 0, 1, 1, 0, -1, -1, 0, 1, 1, 0, -1, -1, 0, 1, 1]:
OEIS

This sequence provides no significant data for the Universal Atlas of Geometric Constants GCEJS Derived from Linear Recurrences.

$$EJS\_P1P0\_N1P1_{GF}(x) = \frac{x-1}{-x^2+x-1}$$

Navigation in a quantum univers 2D/3D of variants; more details on Wiki (EJS Fibovar Theory)



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