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Toggle Nomenclature

EJS_P17P41P23P43P37P47_P1P0N3P0P3P0

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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New record created successfully

Mathematic EJS_P17P41P23P43P37P47_P1P0N3P0P3P0 sequence

```
LinearRecurrence[{0, 3, 0, -3, 0, 1}, {17, 41, 23, 43, 37, 47}, 30]
a(n) = (1)*a(n-6) + (0)*a(n-5) + (-3)*a(n-4) + (0)*a(n-3) + (3)*a(n-2) + (0)*a(n-1)
Initial Terms: a(0) = 17, a(1) = 41, a(2) = 23, a(3) = 43, a(4) = 37, a(5) = 47
```

$$EJS\_P17P41P23P43P37P47\_P1P0N3P0P3P0(n) = a(n) = \frac{3(-1)^n n^2}{8} + \frac{(-1)^n n}{2} - \frac{95(-1)^n}{8} + \frac{5n^2}{8} + \frac{n}{2} + \frac{231}{8}$$

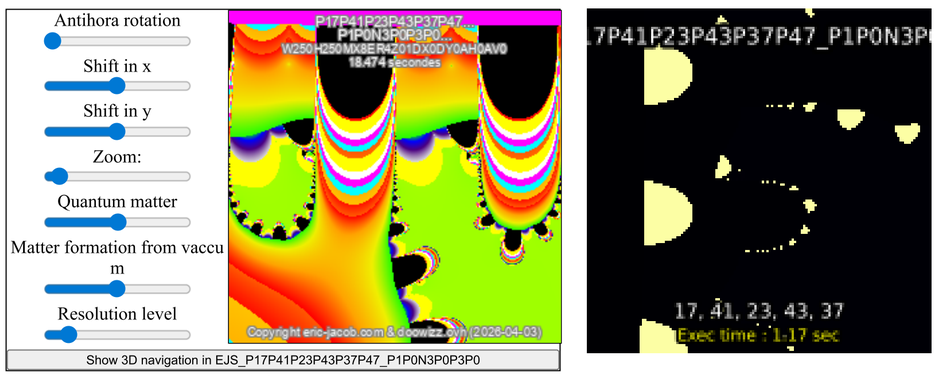
```
17,  41,  23,  43,  37,  47,  59,  53,  89,  61,  127,  71,  173,  83,  227,  97,  289,  113,  359,  131,  437,  151,  523,  173,  617,  197,  719,  223,  829,  251,  947

 a(0) = 17
 a(1) = 41
 a(2) = 23
 a(3) = 43
 a(4) = 37
 a(5) = 47
 a(6) = 59
 a(7) = 53
 a(8) = 89
 a(9) = 61
 a(10) = 127
 a(11) = 71
 a(12) = 173
 a(13) = 83
```

Sequence [17, 41, 23, 43, 37, 47, 59, 53, 89, 61, 127, 71, 173, 83, 227, 97, 289, 113, 359, 131, 437, 151, 523, 173, 617, 197, 719, 223, 829, 251, 947]:
OEIS

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

$$EJS\_P17P41P23P43P37P47\_P1P0N3P0P3P0_{GF}(x) = \frac{-41x^5 - 19x^4 + 80x^3 + 28x^2 - 41x - 17}{x^6 - 3x^4 + 3x^2 - 1}$$

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



Time: 10.881786108017 sec (Global exec time)