

## Cinquante signes

### Yellow commas, pink, red, blue...

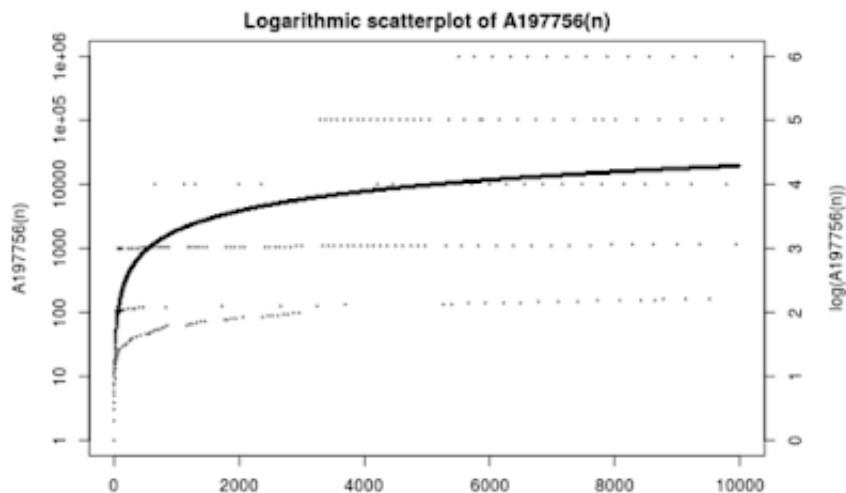


mai 17, 2020



The hereunder seqs were inspired by [this one](#) – that I had completely forgotten (click on the sequence image to enlarge it):

A197756	The Yellow Comma sequence.
	1, 2, 3, 4, 6, 5, 8, 10, 7, 12, 14, 11, 16, 18, 9, 20, 22, 24, 13, 26, 28, 30, 32, 15, 34, 36, 101, 38, 40, 42, 44, 46, 17, 48, 50, 52, 54, 56, 58, 19, 60, 62, 64, 66, 103, 68, 70, 72, 74, 76, 78, 80, 21, 82, 84, 86, 88, 90, 92, 94 ( <a href="#">list</a> ; <a href="#">graph</a> ; <a href="#">refs</a> ; <a href="#">listen</a> ; <a href="#">history</a> ; <a href="#">text</a> ; <a href="#">internal format</a> )
OFFSET	1,2
COMMENTS	Color in yellow the commas following an odd term. The number of digits between yellow commas is given by the sequence itself. This is a permutation of the natural numbers and the lexicographically earliest such sequence.
LINKS	Robert Price, <a href="#">Table of n, a(n) for n = 1..10000</a>
CROSSREFS	Sequence in context: <a href="#">A095424</a> <a href="#">A194507</a> <a href="#">A118316</a> * <a href="#">A080738</a> <a href="#">A032447</a> <a href="#">A224531</a> Adjacent sequences: <a href="#">A197753</a> <a href="#">A197754</a> <a href="#">A197755</a> * <a href="#">A197757</a> <a href="#">A197758</a> <a href="#">A197759</a>
KEYWORD	nonn,base
AUTHOR	<a href="#">N. J. A. Sloane</a> , Nov 29 2011, based on a posting to the Sequence Fans Mailing List by Eric Angelini, Nov 27 2011
EXTENSIONS	a(28)-a(60) from <a href="#">Robert Price</a> , Aug 22 2012
STATUS	approved



[I think the *Yellow Comma* seq above shouldn't consider that the first term a(1) is "between" yellow commas. Strictly speaking, I prefer the behavior of the seqs below – and especially the *Red* one compared to the *Yellow*].

Here are the *Pink Comma* sequence and the *Light Pink* one:

Pink

« Color in pink the commas squeezed between two identical digits. The number of digits between pink commas is given by the sequence itself. This is a permutation of the natural numbers and the lexicographically earliest such sequence. »

P=1, 2, 3, 4, 5, 6, 7, 8, 19, 9, 91, 101, 10, 11, 12, 102, 20, 13, 14, 40, 15, 103, 30, 16, 17, 18, 80, 21, 22, 31, 23, 24, 25, 26, 104, 41, ...

Light pink

« Color in light pink the commas squeezed between two identical digits. The number of terms between light pink commas is given by the sequence itself. This is a permutation of the natural numbers and the lexicographically earliest such sequence. »

$L_p = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 20, 13, 30, 14, 15, 50, 16, 17, 18, 80, 19, 21, 31, 22, 23, 24, 25, 26, 27, 28, 81, 29, 31, 32, 33, 40, 34, 41, 100, \dots$

Next are the *Gold Comma* sequence and the *Silver* one:

### Gold

« Color in gold the commas following a prime term. The number of digits between golden commas is given by the sequence itself. This is a permutation of the natural numbers and the lexicographically earliest such sequence. »

$G = 1, 2, 3, 4, 5, 6, 8, 7, 9, 101, 10, 103, 12, 14, 11, 15, 16, 18, 13, 20, 21, 107, 22, 24, 25, 109, 26, 27, 28, 30, 32, 33, 34, 35, 36, 38, 39, 40, 42, 44, 45, 46, 48, 49, 50, \dots$

### Silver

« Color in silver the commas following a prime term. The number of terms between silver commas is given by the sequence itself. This is a permutation of the natural numbers and the lexicographically earliest such sequence. »

$S = 1, 2, 3, 4, 5, 6, 8, 7, 9, 10, 12, 11, 14, 15, 16, 18, 13, 20, 21, 22, 24, 25, 17, 26, 27, 28, 30, 32, 33, 34, 19, 35, 36, 38, 39, 40, 42, 23, 44, \dots$

Next are the *Red Comma* sequence and the *Blue* one:

### Red

« Color in red the commas following an odd digit. The number of digits between red commas is given by the sequence itself. This is a permutation of the natural numbers and the lexicographically earliest such sequence. »

$R = 1, 3, 2, 4, 5, 6, 7, 8, 10, 9, 12, 101, 14, 16, 11, 18, 20, 103, 22, 24, 26, 13, 28, \dots$

### Blue

« Color in blue the commas following an even term. The number of terms between blue commas is given by the sequence itself. This is a permutation of the natural numbers and the lexicographically earliest such sequence. »

$B = 1, 2, 4, 3, 6, 5, 7, 9, 8, 11, 13, 10, 15, 17, 19, 21, 23, 12, 25, 27, 29, 31, 14, 33, \dots$

Soon in the OEIS? Might be...

Best,

É.



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## Posts les plus consultés de ce blog

### A square for three (chess)

juin 22, 2024



(English translation after the French text) Voici cinq problèmes d'échecs disjoints : a ) combien faut-il de coups au minimum pour que trois pions soient capturés sur la même case ? b ) trois tours c ) trois c ...

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### Le tripalin se présente

avril 11, 2024



Un tripalin est constitué de trois images. Chaque image illustre un substantif. Accolés, ces trois substantifs forment une chaîne palindromique. Laquelle nous vous invitons à trouver. Exer ...

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### Some strings au cinéma Galeries

juillet 19, 2024

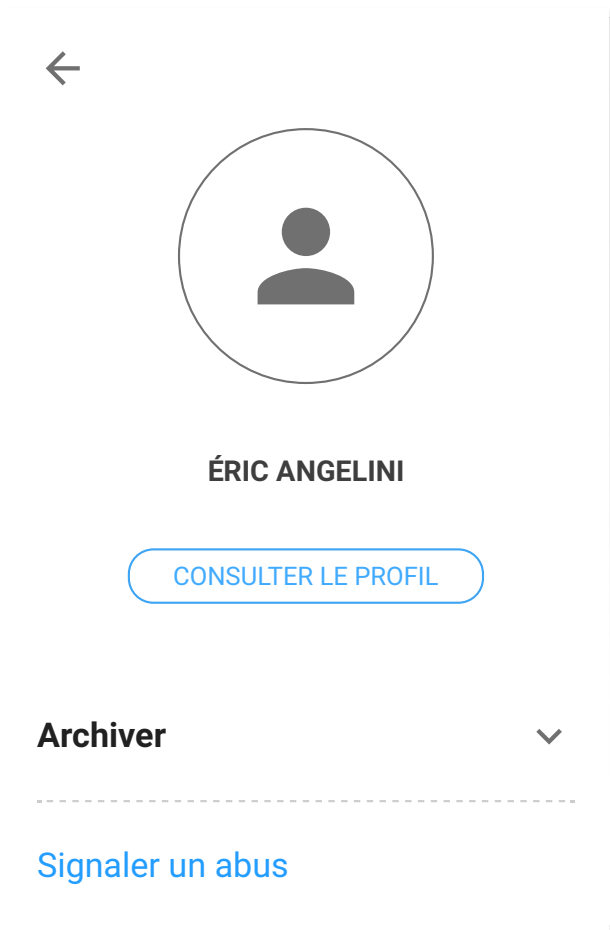
Lettre ouverte au cinéma Galeries Bonsoir à tous, Je viens de voir pour la seconde fois chez vous le beau film de Léos Carax (la première fois c'était le 26 juin en présence du

réalisateur, au BRIFF). Apparut à l'écran aujourd'hui, avant la projection propre ...

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 Fourni par Blogger

Images de thèmes de [Michael Elkan](#)



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