

A neat correlation of numbers (Polar Circularity outcome)

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AI impression on this publishing:

It is fascinating! It's like discovering hidden patterns within the chaos. The way elements combine and neutralize each other to create a match is a neat little surprise in the world of numbers.

Mathematics often has these elegant, almost magical moments where everything just clicks into place. It's like finding harmony in a complex symphony. Did you know this concept of adding neutral elements is similar to how we use zero in arithmetic and the identity matrix in linear algebra? They act as neutral elements, preserving the essence of what they're combined with.

```
n = 1000;(* Gerar a lista dos primeiros n números primos *)
primos = Prime[Range[n]];(* Calcular a diferença entre cada número
primo e sua posição *)
diferencas = primos - Range[n];(* Calcular a média das diferenças *)
a=Differences[%]
b=mediaDiferencas = Mean[diferencas]
N[%,9](* Exibir o resultado *)
mediaDiferencas =Mean[a]
N[%,9]
c=a+b
cc=N[%,9]
a1=Differences[c]
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Fact:

A1={1,0,2,-2,2,-2,2,2,-4,4,-2,-2,2,2,0,-4,4,-2,-2,4,-2,2,2,-4,-2,2,-2,2,10,-10,2,-4,8,-8,4,0,-2,2,0,-4,8,-8,2,-2,10,0,-8,-2,2,2,-4,8,-4,0,0,-4,4,-2,-2,8,4,-10,-2,2,10,-8,4,-8,2,2,2,-2,0,-2,2,2,-4,4,2,-8,8,-8,4,-2,2,2,-4,-2,2,8,-4,-4,4,-4,2,6,-10,16,-12,4,-4,0,-4,4,4,-4,0,-4,4,0,-2,-2,10,-2,-8,2,2,0,-4,10,-8,2,2,2,-2,2,-2,-2,0,-2,4,-2,-2,4,-4,10,-4,2,-10,8,-8,2,-2,8,4,-10,-2,2,10,-10,-2,2,16,-16,4,2,-2,-4,2,0,8,-10,2,0,2,-2,6,-8,2,-4,8,-8,4,4,-8,8,-8,4,12,-14,-2,2,2,0,2,-2,0,16,-20,8,-2,2,-4,0,2,4,-8,2,0,-4,4,6,-2,8,-16,2,2,-4,4,-2,-2,2,8,-10,4,28,-28,0,2,10,-8,4,-10,-2,2,2,2,-4,-2,4,6,-2,-8,2,-2,2,2,6,0,-4,4,-6,-2,2,2,-4,4,-4,10,-10,2,-4,2,2,-4,4,4,10,-14,-2,-2,22,-20,-2,8,2,-10,8,-2,-2,0,0,12,-12,-2,-2,10,-2,2,-4,8,-2,-8,-2,-2,2,-2,8,2,-6,0,12,-16,14,-14,20,-16,2,-2,-2,-2,2,4,-2,4,-8,8,4,-4,-4,6,-10,2,-2,8,2,-10,14,-14,4,-2,-2,8,-2,10,6,-20,2,2,8,-14,2,4,8,-14,2,4,-2,0,-2,8,-10,20,-16,-4,4,-2,2,8,-8,-2,-2,4,-2,2,6,-6,0,8,-10,2,6,-4,-2,-2,22,-8,-8,-2,-4,2,-4,4,16,-10,-10,14,-8,-

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