

Circularity of prime minus position differences

By Luis Felipe Massena Misiec

```
n = 10000;(* 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]
a+b
ListPolarPlot[a+b]
```

```
{446160411/10000,446170411/10000,446170411/10000,446190411/10000,446170411/1000
0,446190411/10000,446170411/10000,446190411/10000,446210411/10000,446170411/100
00,446210411/10000, \[CenterEllipsis]9977\[CenterEllipsis]
,446230411/10000,446330411/10000,446190411/10000,446170411/10000,446250411/1000
0,446230411/10000,446210411/10000,446190411/10000,446210411/10000,446210411/100
00,446210411/10000}
```

large output

show less

show more

show all

set size limit...

