

Re: How do I compute e^e to thousands of decimal places?

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carlos@xxxxxxxxxxxxx wrote:

john wrote:

I know that I can compute e quickly by using the Taylor series with the binary splitting.
I there any fast algorithm for computing e^e to high precision?

Thanks

With Mathematica 5 on a mac G5

$N[E^E, 1000]$

takes 56 microseconds. $N[E^E, 10000]$ takes .132 seconds. Why do you want to do it yourself?

Yeah. Why should someone want to do mathematics all by himself?
Why play the piano if it's much easier to listen to a CD?
Because it's more fun, perhaps?

Han de Bruijn

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