

Re: series expansion : a question

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- *From:* Denis Feldmann <denis.feldmann.sansspam@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 14 Aug 2007 07:39:04 +0800
-

tommy1729 a écrit :

denis wrote:

(and did no math whatsoever rather insulted as usual)

> tommy1729 a écrit :

In article

<33119411.1186861057132.JavaMail.jakarta@xxxxxxxxxxxxxxxx

forum.org> tommy1729

<tommy1729@xxxxxxxx> writes:

> considering series expansion ..

> > a power series is taylor

> an nth derivate series is taylor

You are doing things the wrong way. A Taylor

series

exists for a function

that is analytical in a circle around the origin.

In

that case the Taylor

series is convergent within that circle. When

a

Taylor series does exist

we can get the n-th derivative of it by taking

the

n-th derivative of the

terms, constructing a new Taylor series. And

we

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can

integrate the function
by integrating the terms (where we have to
insert
suitable constant terms).
A function for which the n -th derivative
does not
exist at $x = 0$ does not
have a Taylor series expansion at all. (An

example

is $x^3|x|$, which has
first, second, third and fourth derivatives, but

for

which the fifth
derivative at $x = 0$ does not exist, so it is not
analytical in $x = 0$ and
so does not have a Taylor series expansion.)

> what is the analogue for an integral ??

wich series can be expressed
in the n th integral

1 ??

See above. Although I do not understand the

second

question.

—
dik t. winter, cwi, kruislaan 413, 1098 sj
amsterdam, nederland, +31205924131
home: bovenover 215, 1025 jn amsterdam,

nederland;

<http://www.cwi.nl/~dik/>

once again i am misunderstood ...

once again, you obfuscated issues, then complained

i understand taylor series perfectly ...

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Certainly not . You are a troll. Dont expect any further serious help for us now.

radius of convergeance too...

thats NOT the issue here !!!

If you say so...

considering $f(x+a) = f(a) + f'(a)x + \dots$

(taylor) it is clear that taylor is a power series

(infinite polynomial of x)

and a series of nth derivates ($f^{(n)}(a)$)

i am looking for the analogue of nth integrals ...

tommy1729

Keep looking. Remember Taylor series are unique.
Perhaps you are looking for something like Euler–MacLaurin smomation formula?

But I strongly doubt it. You are just trolling as usual

no , just as usual you dont understand the math i am describing...

If you say so

i am better at math then you are

Wanna bet? You are usually ridiculous

want a second opinion ??

ask quasi about my factoring tricks for instance

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Quasi is not so good either. And you were badly lying on that one

or look up sequences called after me

What is your real name? I dont hide mine...

i won a math olympiad too

Liar

i have at least one operator and two constants named after me

Liar (you dont even jknow what is an operator, by the way)

...

you remind me of bit188

you have a lot of nerve for a newbie...

I was here since 1997 (where were yopu), not to mention my carreer in the real world

you dont even know about the math i have done in the past

you were not even here ...

and i guess you were not present at the math olympiad either ...

They were not created when I was a student. But I won a few distinctions in my time.

it is YOU WHO HAS TO CONVINC US THAT YOU ARE NOT A TROLL

SINCE YOU ONLY INSULT PEOPLE HERE

Wrong, and very badly so. See for instance my contributions to 4D rotation threads with Pertti Lounesto, or my recent puzzle (I know, it contained a lot of misprints at first, but the final expression iscorrect, and I still bet you are not able to prove it is always real, not mentioning how I found it. Hint : it is not so elementary as it look, and I used a (reasonably) advanced tool to find it)

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rather than to ask questions , let alone do math...

i have seen lots of critics towards me ...

the only reason you can react like that is because this forum is unmoderated !!

NOT because you are a genius...

you could not even compute an average remember ???

now what kind of mathematician cant compute an average

Poor idiot. You never even try to understand quasi answer, or to realize your conjecture was doomed beyond repair...

;

yet claims to understand calculus ??

denis and denis only ...

there is a pattern in critics towards me

1) they insult me

2) they dont do math

3) they leave , realising they misjudged me , and/or they cant do math...

(usually both)

your faith will be the same as bit188...

(or any other)

she considered me a crank too...

till some people here pointed out the level of my postings*

*Name one posting not low level.

(especially the ones she did not read)

she refused to read them...

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finally she apologized

promised to do some math

and then left ...

and time will repeat itself ...

notice how most people on my cranklist have left

they were all critics of mine ...

and those are only the recent ones ...

so they all had to go ...

realizing they made a fool out of themselves doubting me ...

You are a liar and a troll.

go ahead

look for my factoring tricks ...

ask quasi about it if you dont believe me ...

dont expect JSH type factoring tricks , mine are much more advanced !!!

go ahead , look it up

or ask quasi

or ask timothy golden

or ask neilist

or even robert israel will remember that

You lie. Anyway, why do you never give any reference?

or do you consider those guys cranks too ??

time will repeat itself...

you probably think this does not apply to you ; that your different ...

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think again ...

As I told you, I have been here for more than 10 years,so...

"dimensionality is resolved !! "
tommy1729 about perelmanns proof