«Кандидатская диссертация»

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Оглавление

Решение.

Автор данной статьи решил одну из важнейших задач последнего тысячелетия. В связи с этим он хотел нанять профессионального переводчика, который сделал бы эту статью подходящей для публикации в популярном научном журнале. Автор надеялся заработать много денег, чтобы прожить жизнь безбедно, но на данный момент у него нет денег даже на переводчика, поэтому была совершенна отчаянная попытка перевести самому. Автор надеется, что мировое сообщество математиков примет данную статью, поймет ее и заплатит ему много денег.

Отдельные благодарности от автора за помощь в создании статьи

1. Перуну - великому богу-громовержцу

2. Байкальской водице, выпив которую автор преисполнился в своем познании математического анализа.

3. Лечащему врачу в психиатрическое больнице №7, который ухаживал за автором во время написания статьи.

Перейдем к самой статье.

According to legend, the ancient Rus were able to defeat the lizardsby taking this derivative:

$$(1)$$

$(\frac{\cos x}{(x+1.00)^{2.00}})^{\sin x} + \frac{x}{2.00}$

Let's take the derivative of:

$$(2)$$

x

Nikto ne zametit, chto ya ne smog perevesti eto dlya svoe' stat'i . It is:

$$(3)$$

1.00

Let's take the derivative of:

$$\tag{4}$$

$\cos x$

Don't ask me to prove this . It is:

$$\tag{5}$$

$-1.00 \cdot \sin x \cdot 1.00$

Let's take the derivative of:

$$\tag{6}$$

x

Perun sent me the solution and I don't have no right to not to believe . It is:

$$\tag{7}$$

1.00

Let's take the derivative of:

$$\tag{8}$$

1.00

Even a monkey can learn how to do it, why won't you do it by yourself?. It is:

$$\tag{9}$$

0.00

Let's take the derivative of:

$$\tag{10}$$

$x + 1.00$

I have a proof of this transformation, but there is not enough space in this margin . It is:

$$\tag{11}$$

$1.00 + 0.00$

Let's take the derivative of:

$$\tag{12}$$

$(x + 1.00)^{2.00}$

Nikto ne zametit, chto ya ne smog perevesti eto dlya svoe' stat'i . It is:

$$(13)$$

$2.00 \cdot (1.00 + 0.00) \cdot (x + 1.00)^{2.00-1.00}$

Let's take the derivative of:

$$(14)$$

$\frac{\cos x}{(x+1.00)^{2.00}}$

Bez kommentariev . It is:

$$(15)$$

$\frac{-1.00 \cdot \sin x \cdot 1.00 \cdot (x+1.00)^{2.00} - \cos x \cdot 2.00 \cdot (1.00+0.00) \cdot (x+1.00)^{2.00-1.00}}{((x+1.00)^{2.00})^{2.00}}$

Let's take the derivative of:

$$(16)$$

x

I have a proof of this transformation, but there is not enough space in this margin . It is:

$$(17)$$

1.00

Let's take the derivative of:

$$(18)$$

$\sin x$

Perun sent me the solution and I don't have no right to not to believe . It is:

$$(19)$$

$\cos x \cdot 1.00$

Let's take the derivative of:

$$(20)$$

$\left(\frac{\cos x}{(x+1.00)^{2.00}}\right)^{\sin x}$

If you're reading this - why?. It is:

$$(21)$$

$$\left(\frac{\cos x}{(x+1.00)^{2.00}}\right)^{\sin x} \cdot \left(\sin x \cdot \frac{\frac{-1.00 \cdot \sin x \cdot 1.00 \cdot (x+1.00)^{2.00} - \cos x \cdot 2.00 \cdot (1.00+0.00) \cdot (x+1.00)^{2.00-1.00}}{((x+1.00)^{2.00})^{2.00}}}{\frac{\cos x}{(x+1.00)^{2.00}}} + \ln \frac{\cos x}{(x+1.00)^{2.00}} \cdot \right.$$
$$\left. \cos x \cdot 1.00\right)$$

Let's take the derivative of:

$$\tag{22}$$

x

Even a monkey can learn how to do it, why won't you do it by yourself?. It is:

$$\tag{23}$$

1.00

Let's take the derivative of:

$$\tag{24}$$

2.00

Even a monkey can learn how to do it, why won't you do it by yourself?. It is:

$$\tag{25}$$

0.00

Let's take the derivative of:

$$\tag{26}$$

$\frac{x}{2.00}$

Nikto ne zametit, chto ya ne smog perevesti eto dlya svoe' stat'i . It is:

$$\tag{27}$$

$\frac{1.00 \cdot 2.00 - x \cdot 0.00}{2.00^{2.00}}$

Let's take the derivative of:

$$\tag{28}$$

$\left(\frac{\cos x}{(x+1.00)^{2.00}}\right)^{\sin x} + \frac{x}{2.00}$

I have a proof of this transformation, but there is not enough space in this margin . It is:

$$\tag{29}$$

$$\left(\frac{\cos x}{(x+1.00)^{2.00}}\right)^{\sin x}\cdot\left(\sin x\cdot\frac{\frac{-1.00\cdot\sin x\cdot1.00\cdot(x+1.00)^{2.00}-\cos x\cdot2.00\cdot(1.00+0.00)\cdot(x+1.00)^{2.00-1.00}}{((x+1.00)^{2.00})^{2.00}}}{\frac{\cos x}{(x+1.00)^{2.00}}}+\ln\frac{\cos x}{(x+1.00)^{2.00}}\cdot\right.$$
$$\left.\cos x\cdot1.00\right)+\frac{1.00\cdot2.00-x\cdot0.00}{2.00^{2.00}}$$

The ancient Rus, like us, got this result

$$(30)$$

$$\left(\frac{\cos x}{(x+1.00)^{2.00}}\right)^{\sin x}\cdot\left(\sin x\cdot\frac{\frac{-1.00\cdot\sin x\cdot1.00\cdot(x+1.00)^{2.00}-\cos x\cdot2.00\cdot(1.00+0.00)\cdot(x+1.00)^{2.00-1.00}}{((x+1.00)^{2.00})^{2.00}}}{\frac{\cos x}{(x+1.00)^{2.00}}}+\ln\frac{\cos x}{(x+1.00)^{2.00}}\cdot\right.$$
$$\left.\cos x\cdot1.00\right)+\frac{1.00\cdot2.00-x\cdot0.00}{2.00^{2.00}}$$

No one gives a **** what's going on here, but according to the standards I have to say it - "Ya sobirayus uprostit virazhenie))))".Let's simplify this expression:

$$(31)$$

$$1.00+0.00$$

No one is reading, so I'm gonna say that I hate calculus . It is:

$$(32)$$

$$1.00$$

Let's simplify this expression:

$$(33)$$

$$2.00\cdot1.00$$

Kind of obvious expression transformation . It is:

$$(34)$$

$$2.00$$

Let's simplify this expression:

$$(35)$$

$$2.00-1.00$$

Don't ask me to prove this . It is:

$$(36)$$

$$1.00$$

Let's simplify this expression:

$$(37)$$

$1.00 \cdot 2.00$

C'mon guys, it's not rocket science . It is:

$$\tag{38}$$

2.00

Let's simplify this expression:

$$\tag{39}$$

$2.00^{2.00}$

Nikto ne zametit, chto ya ne smog perevesti eto dlya svoe' stat'i . It is:

$$\tag{40}$$

4.00

Slozhno ne ponyat, chto delat s etim:

$$\tag{41}$$

$\sin x \cdot 1.00$

Perun sent me the solution and I don't have no right to not to believe . It is:

$$\tag{42}$$

$\sin x$

Slozhno ne ponyat, chto delat s etim:

$$\tag{43}$$

$(x + 1.00)^{1.00}$

Perun sent me the solution and I don't have no right to not to believe . It is:

$$\tag{44}$$

$x + 1.00$

Slozhno ne ponyat, chto delat s etim:

$$\tag{45}$$

$\cos x \cdot 1.00$

Don't ask me to prove this . It is:

$$\tag{46}$$

6

$\cos x$

Let's use the theorem ...(The author of the ranslation does not know which theorem is used, you are left to guess for yourself

(47)

$x \cdot 0.00$

Explanation is available only for premium subscribers.You can become one of them - it costs only 5 bucks a week. It is:

(48)

0.00

Slozhno ne ponyat, chto delat s etim:

(49)

$2.00 - 0.00$

Don't ask me to prove this . It is:

(50)

2.00

Let's simplify this expression:

(51)

$\frac{2.00}{4.00}$

Explanation is available only for premium subscribers.You can become one of them - it costs only 5 bucks a week. It is:

(52)

0.50

Final expression after simplifications:

(53)

$\left(\frac{\cos x}{(x+1.00)^{2.00}}\right)^{\sin x} \cdot \left(\sin x \cdot \frac{\frac{-1.00 \cdot \sin x \cdot (x+1.00)^{2.00} - \cos x \cdot 2.00 \cdot (x+1.00)}{((x+1.00)^{2.00})^{2.00}}}{\frac{\cos x}{(x+1.00)^{2.00}}} + \ln \frac{\cos x}{(x+1.00)^{2.00}} \cdot \cos x\right) + 0.50$

Result differentiate answer:

(54)

7

$\left(\frac{\cos x}{(x+1.00)^{2.00}}\right)^{\sin x} \cdot \left(\sin x \cdot \frac{\frac{-1.00 \cdot \sin x \cdot (x+1.00)^{2.00} - \cos x \cdot 2.00 \cdot (x+1.00)}{((x+1.00)^{2.00})^{2.00}}}{\frac{\cos x}{(x+1.00)^{2.00}}} + \ln \frac{\cos x}{(x+1.00)^{2.00}} \cdot \cos x\right) +$
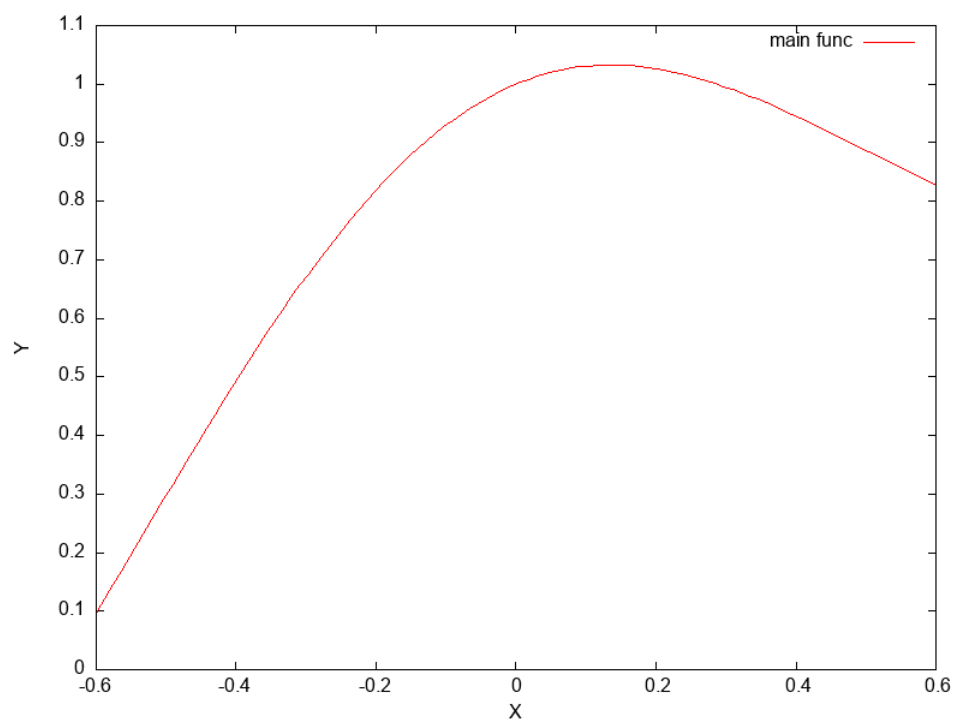0.50

Derivative in 0:

$$(55)$$

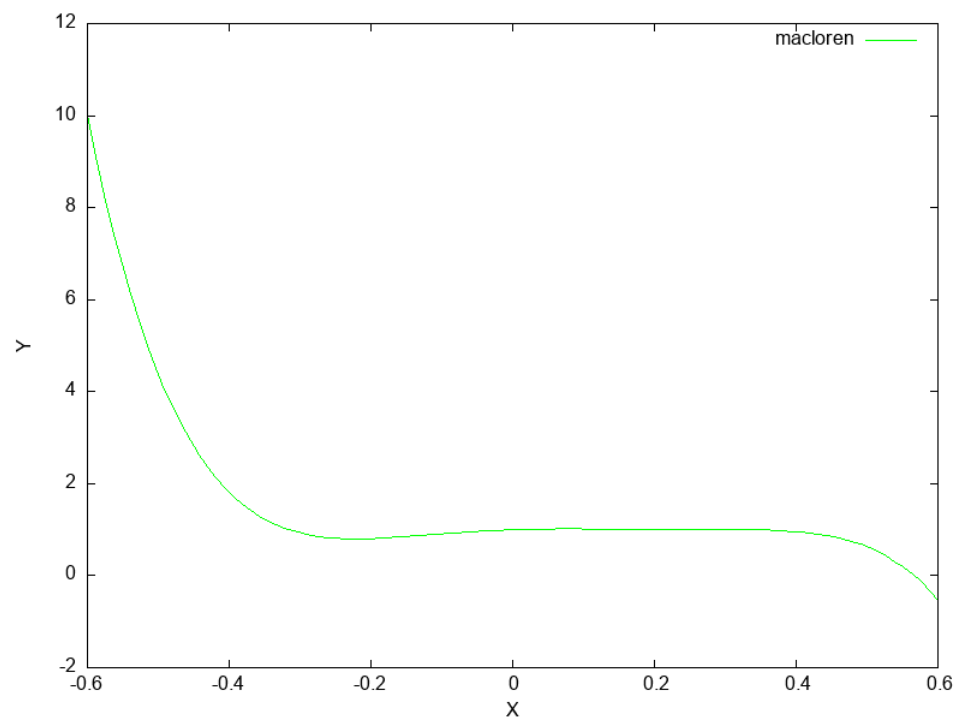$0.50 \cdot x + 1.00$

Macloren series:

$$(56)$$

$1.00 + 0.50 \cdot x + -4.00 \cdot x^{2.00} + 3.00 \cdot x^{3.00} + 40.00 \cdot x^{4.00} + -80.00 \cdot x^{5.00}$
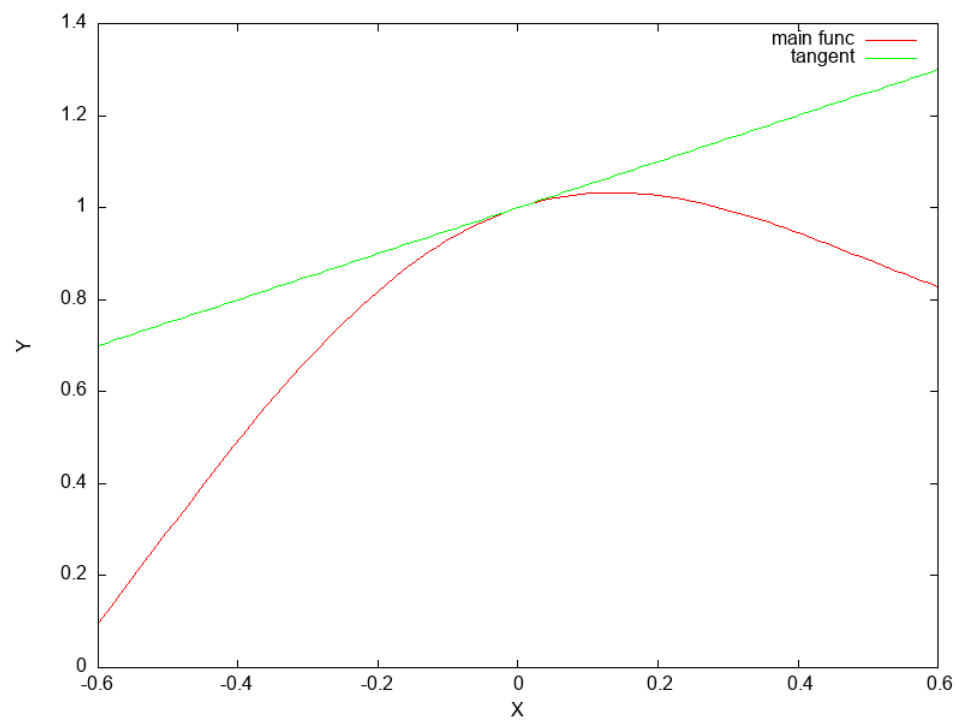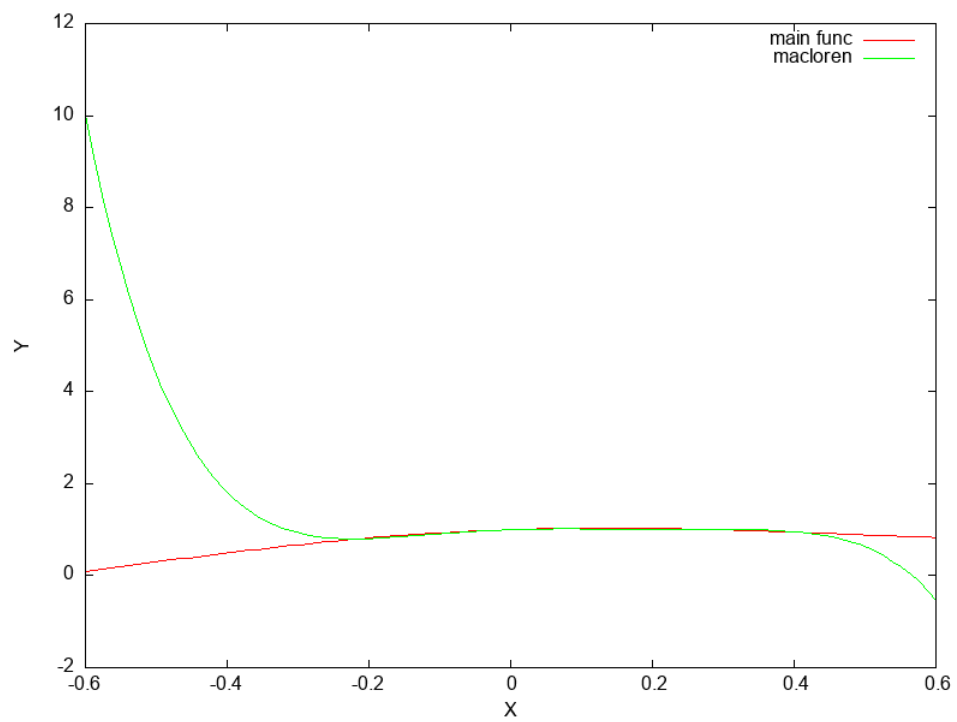
Function graph:

Macloren series graph:

Main graph and tangent:

Comparing func graph and macloren's series graph:

Graph of the difference between main and macloren: