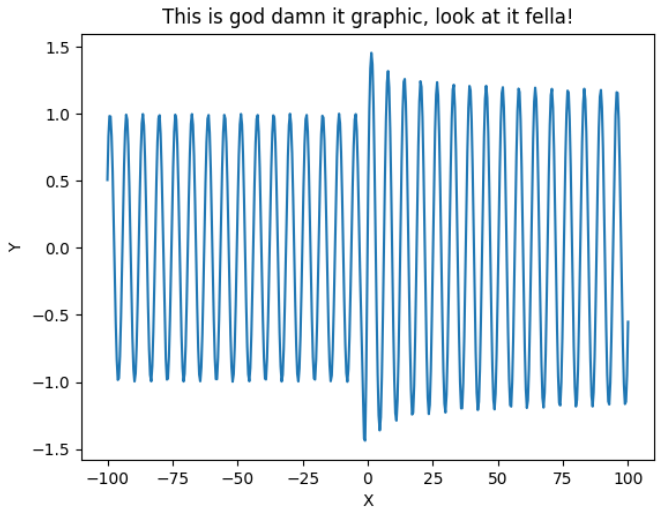
Wild wild west derivative counter

Dodo

November 2022

Welcome to derivative calculator fella, let's have a look at ya. God, what da hell is dis shit, fella? Ok, ok, let's calculate this bullshit.

♣ ♣ ♣



Alright fella, let's look wat we got:

$$sin(X) + \frac{(cos(X+5))}{(ln(5+2\cdot X))} \tag{1}$$

♣ ♣ ♣

With the power of gods, let's write the following:

$$sin(X) + \frac{(cos(X+5))}{(ln(5+2\cdot X))} \tag{2}$$

♣ ♣ ♣

I smacked a damn big cockroach yesterday fella, this was left on my shoe:

$$\frac{(cos(X+5))}{(ln(5+2\cdot X))} \tag{3}$$

♣ ♣ ♣

Don't distract fella, I don't know how to count

$$ln(5+2\cdot X) \tag{4}$$

♣ ♣ ♣

Oh come on, my wife is pregnant 12th time in a row.

$$5+2\cdot X \tag{5}$$

♣ ♣ ♣

Can you understand it by yourself, i must go get some beer, fella:

$$2 \cdot X \tag{6}$$

♣ ♣ ♣

...

$$cos(X + 5) \tag{7}$$

♣ ♣ ♣

Thanks man

$$X + 5 \tag{8}$$

♣ ♣ ♣

I don't fucking know how this expression was calculated, fella, i am a cowboy

$$sin(X) \tag{9}$$

♣ ♣ ♣

Here is whach you got, fella. Now let's drink some whiskey and shoot niggers.

$$(cos(X)) \cdot (1) + \frac{((((-1) \cdot (sin(X+5))) \cdot (1)) \cdot (ln(5+2 \cdot X)) - (cos(X+5)) \cdot ((\frac{(1)}{(5+2 \cdot X)}) \cdot (2)))}{((ln(5+2 \cdot X)) \cdot (ln(5+2 \cdot X)))} \tag{10}$$

♣ ♣ ♣

Alright fella, let's make this shit called <Macloren>,there will be only 3 steps, cause i don't know how to count more.Basicly the main formula will look like that

$$f(x) = f(0) + \frac{f^{(1)}(0)}{1!} \cdot X + \frac{f^{(2)}(0)}{2!} \cdot X + \frac{f^{(3)}(0)}{3!} \cdot X + ...$$

$$f^{(0)}(0) = 0.176249$$

$$f^{(1)}(0) = 1.55201$$

$$f^{(2)}(0) = -0.433114$$

$$f^{(3)}(0) = -1.12227$$

The solution is pretty simple and you definetely can do it **yourself**