CrInGeCrInGe Production. Super cringe introduction here: Let's calculate smth with expression given: f(x, y) =

$$\frac{\sin x}{y + \cos \frac{1.000}{x}}$$

Firstly, let's insert all constants and simplify it:

$$\frac{\sin x}{y + \cos \frac{1.000}{x}}$$

BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT IT!!! IN THE POINT (x = 3.000, y = 1.000)IT'S VALUE = 0.073 !!!

1 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

2 step: finding a derivation of function:

1.000

here it is:

0.000

3 step: finding a derivation of function:

 $\frac{1.000}{r}$ 

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

4 step: finding a derivation of function:

 $\cos\frac{1.000}{x}$ 

here it is:

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

5 step: finding a derivation of function:

y

here it is:

$$y + \cos \frac{1.000}{x}$$

here it is:

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

7 step: finding a derivation of function:

x

here it is:

1.000

8 step: finding a derivation of function:

 $\sin x$ 

here it is:

 $\cos x$ 

9 step: finding a derivation of function:

$$\frac{\sin x}{y + \cos \frac{1.000}{x}}$$

here it is:

$$\frac{\cos x \cdot (y + \cos \frac{1.000}{x}) - (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \sin x}{\left(y + \cos \frac{1.000}{x}\right)^{2.000}}$$

Congratulations! The first derivation of the expression is:

$$\frac{\cos x \cdot (y + \cos \frac{1.000}{x}) - (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \sin x}{\left(y + \cos \frac{1.000}{x}\right)^{2.000}}$$

IN THE POINT (x = 3.000, y = 1.000)IT'S VALUE = -0.548!!!

Let's calculate the 3 derivation of the expression:

Calculating the 1 derivation of the expression:

1 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

2 step: finding a derivation of function:

0.000

3 step: finding a derivation of function:

 $\frac{1.000}{x}$ 

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

4 step: finding a derivation of function:

 $\cos\frac{1.000}{x}$ 

here it is:

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

5 step: finding a derivation of function:

y

here it is:

1.000

6 step: finding a derivation of function:

$$y + \cos \frac{1.000}{x}$$

here it is:

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

7 step: finding a derivation of function:

x

here it is:

1.000

8 step: finding a derivation of function:

 $\sin x$ 

here it is:

 $\cos x$ 

9 step: finding a derivation of function:

$$\frac{\sin x}{y + \cos \frac{1.000}{x}}$$

$$\frac{\cos x \cdot (y + \cos \frac{1.000}{x}) - (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \sin x}{\left(y + \cos \frac{1.000}{x}\right)^{2.000}}$$

Calculating the 2 derivation of the expression:

1 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

2 step: finding a derivation of function:

1.000

here it is:

0.000

3 step: finding a derivation of function:

 $\frac{1.000}{x}$ 

here it is:

$$\frac{(-1.000)\cdot 1.000}{x^{2.000}}$$

4 step: finding a derivation of function:

 $\cos \frac{1.000}{x}$ 

here it is:

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

5 step: finding a derivation of function:

y

here it is:

1.000

6 step: finding a derivation of function:

 $(y + \cos \frac{1.000}{x})$ 

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

$$(y + \cos\frac{1.000}{x})^{2.000}$$

here it is:

$$2.000 \cdot (y + \cos \frac{1.000}{x}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

8 step: finding a derivation of function:

x

here it is:

1.000

9 step: finding a derivation of function:

 $\sin x$ 

here it is:

 $\cos x$ 

10 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

11 step: finding a derivation of function:

 $x^{2.000}$ 

here it is:

 $2.000 \cdot x$ 

12 step: finding a derivation of function:

(-1.000)

here it is:

0.000

13 step: finding a derivation of function:

 $\frac{(-1.000)}{x^{2.000}}$ 

$$\frac{(-1.000)\cdot (-1.000)\cdot 2.000\cdot x}{\left(x^{2.000}\right)^{2.000}}$$

 $\boldsymbol{x}$ 

here it is:

1.000

15 step: finding a derivation of function:

1.000

here it is:

0.000

16 step: finding a derivation of function:

 $\frac{1.000}{r}$ 

here it is:

$$\frac{(-1.000) \cdot 1.000}{r^{2.000}}$$

17 step: finding a derivation of function:

 $\sin \frac{1.000}{x}$ 

here it is:

$$\cos\frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

18 step: finding a derivation of function:

(-1.000)

here it is:

0.000

19 step: finding a derivation of function:

$$(-1.000) \cdot \sin \frac{1.000}{x}$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

 $20~\mathrm{step}\colon \mathrm{finding}$  a derivation of function:

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

1.000

here it is:

0.000

22 step: finding a derivation of function:

$$(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

23 step: finding a derivation of function:

$$(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \sin x$$

here it is:

$$((-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}) \cdot \sin x + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{x} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

24 step: finding a derivation of function:

x

here it is:

1.000

25 step: finding a derivation of function:

1.000

here it is:

0.000

26 step: finding a derivation of function:

1.00

here it is:

$$\frac{(-1.000) \cdot 1.000}{m^2 \cdot 000}$$

27 step: finding a derivation of function:

$$\cos \frac{1.000}{x}$$

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

28 step: finding a derivation of function:

y

here it is:

1.000

29 step: finding a derivation of function:

$$(y + \cos \frac{1.000}{x})$$

here it is:

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

30 step: finding a derivation of function:

x

here it is:

1.000

31 step: finding a derivation of function:

 $\cos x$ 

here it is:

$$(-1.000) \cdot \sin x$$

32 step: finding a derivation of function:

$$\cos x \cdot (y + \cos \frac{1.000}{r})$$

here it is:

$$(-1.000)\cdot \sin x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \cos x$$

33 step: finding a derivation of function:

$$\cos x \cdot (y + \cos \frac{1.000}{x}) - (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \sin x$$

$$((-1.000) \cdot \sin x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \cos x) - (((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x) - ((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x) - ((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x + (-1.000) \cdot \cos \frac{1.000}{x} \cdot \cos x) - ((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x + (-1.000) \cdot \cos \frac{1.000}{x} \cdot \cos x) - ((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x + (-1.000) \cdot \cos \frac{1.000}{x} \cdot \cos x) - ((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x + (-1.000) \cdot \cos \frac{1.000}{x} \cdot \cos x) + (-1.000) \cdot \cos \frac{1.000}{x} \cdot \cos x + (-1.000) \cdot \cos x) + (-1.000) \cdot \cos x + (-1.0$$

$$\frac{\cos x \cdot (y + \cos \frac{1.000}{x}) - (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \sin x}{\left(y + \cos \frac{1.000}{x}\right)^{2.000}}$$

here it is:

$$\underbrace{(((-1.000)\cdot\sin x\cdot(y+\cos\frac{1.000}{x})+(1.000+(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}})\cdot\cos x)-(((-1.000)\cdot\cos\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}})\cdot\cos x)}_{=((-1.000)\cdot\sin\frac{1.000}{x})\cdot\cos\frac{1.000}{x}\cdot\frac{(-1.000)\cdot\sin\frac{1.000}{x}}_{=(-1.000)\cdot\sin\frac{1.000}{x})\cdot\cos\frac{1.000}{x}}_{=(-1.000)\cdot\cos\frac{1.000}{x})\cdot\cos\frac{1.000}{x}}$$

Calculating the 3 derivation of the expression:

1 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

2 step: finding a derivation of function:

1.000

here it is:

0.000

3 step: finding a derivation of function:

 $\frac{1.000}{x}$ 

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

4 step: finding a derivation of function:

$$\cos \frac{1.000}{x}$$

here it is:

$$(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

5 step: finding a derivation of function:

y

here it is:

1.000

6 step: finding a derivation of function:

$$(y + \cos \frac{1.000}{x})$$

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

7 step: finding a derivation of function:

$$((y + \cos \frac{1.000}{x})^{2.000})$$

here it is:

$$2.000 \cdot (y + \cos \frac{1.000}{x}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

8 step: finding a derivation of function:

$$((y + \cos \frac{1.000}{x})^{2.000})^{2.000}$$

here it is:

$$2.000 \cdot \left(y + \cos \frac{1.000}{x}\right)^{2.000} \cdot 2.000 \cdot \left(y + \cos \frac{1.000}{x}\right) \cdot \left(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}\right)$$

9 step: finding a derivation of function:

x

here it is:

1.000

10 step: finding a derivation of function:

 $\sin x$ 

here it is:

 $\cos x$ 

11 step: finding a derivation of function:

x

here it is:

1.000

12 step: finding a derivation of function:

 $x^{2.000}$ 

here it is:

 $2.000 \cdot x$ 

13 step: finding a derivation of function:

(-1.000)

0.000

14 step: finding a derivation of function:

$$\frac{(-1.000)}{r^{2.000}}$$

here it is:

$$\frac{(-1.000)\cdot (-1.000)\cdot 2.000\cdot x}{(x^{2.000})^{2.000}}$$

15 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

16 step: finding a derivation of function:

1.000

here it is:

0.000

17 step: finding a derivation of function:

 $\frac{1.000}{x}$ 

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

18 step: finding a derivation of function:

$$\sin\frac{1.000}{x}$$

here it is:

$$\cos\frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

19 step: finding a derivation of function:

(-1.000)

here it is:

0.000

20 step: finding a derivation of function:

$$(-1.000)\cdot\sin\frac{1.000}{x}$$

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

21 step: finding a derivation of function:

$$(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

22 step: finding a derivation of function:

1.000

here it is:

0.000

23 step: finding a derivation of function:

$$(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

24 step: finding a derivation of function:

$$(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \sin x$$

here it is:

$$((-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}) \cdot \sin x + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{(x^{2.000})^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{(x^{2.000})^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{(x^{2.000})^{2.000}} + \frac{(-1.000) \cdot (-1.000)}{(x^{2.000})^{2.000}} + \frac{(-1.00$$

25 step: finding a derivation of function:

x

here it is:

1.000

26 step: finding a derivation of function:

1.000

here it is:

$$\frac{1.000}{r}$$

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

28 step: finding a derivation of function:

$$\cos \frac{1.000}{x}$$

here it is:

$$(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

29 step: finding a derivation of function:

y

here it is:

1.000

30 step: finding a derivation of function:

$$(y + \cos \frac{1.000}{x})$$

here it is:

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

31 step: finding a derivation of function:

x

here it is:

32 step: finding a derivation of function:

 $\cos x$ 

here it is:

$$(-1.000) \cdot \sin x$$

33 step: finding a derivation of function:

$$\cos x \cdot (y + \cos \frac{1.000}{x})$$

$$(-1.000)\cdot\sin x\cdot(y+\cos\frac{1.000}{x})+(1.000+(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}})\cdot\cos x$$

$$(\cos x \cdot (y + \cos \frac{1.000}{x}) - (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \sin x)$$

here it is:

$$((-1.000) \cdot \sin x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \cos x) - (((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x) - ((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x) - ((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x + (-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x + (-1.000) \cdot \cos \frac{1.000}{x} \cdot \cos x + (-1.000) \cdot \cos x + (-1.000)$$

35 step: finding a derivation of function:

x

here it is:

1.000

36 step: finding a derivation of function:

 $r^{2.000}$ 

here it is:

 $2.000 \cdot x$ 

37 step: finding a derivation of function:

(-1.000)

here it is:

0.000

38 step: finding a derivation of function:

 $\frac{(-1.000)}{x^{2.000}}$ 

here it is:

$$\frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}}$$

39 step: finding a derivation of function:

x

here it is:

1.000

40 step: finding a derivation of function:

1.000

here it is:

$$\frac{1.000}{r}$$

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

42 step: finding a derivation of function:

$$\sin \frac{1.000}{x}$$

here it is:

$$\cos\frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

43 step: finding a derivation of function:

$$(-1.000)$$

here it is:

44 step: finding a derivation of function:

$$(-1.000) \cdot \sin \frac{1.000}{x}$$

here it is:

$$(-1.000)\cdot\cos\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

45 step: finding a derivation of function:

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

46 step: finding a derivation of function:

here it is:

47 step: finding a derivation of function:

$$(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

48 step: finding a derivation of function:

x

here it is:

1.000

49 step: finding a derivation of function:

1.000

here it is:

0.000

50 step: finding a derivation of function:

 $\frac{1.000}{x}$ 

here it is:

$$\frac{(-1.000)\cdot 1.000}{x^{2.000}}$$

51 step: finding a derivation of function:

$$\cos \frac{1.000}{x}$$

here it is:

$$(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

52 step: finding a derivation of function:

y

here it is:

1.000

53 step: finding a derivation of function:

$$(y + \cos\frac{1.000}{x})$$

here it is:

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

54 step: finding a derivation of function:

0.000

55 step: finding a derivation of function:

$$2.000 \cdot (y + \cos \frac{1.000}{x})$$

here it is:

$$2.000 \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

56 step: finding a derivation of function:

$$2.000 \cdot (y + \cos \frac{1.000}{x}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

here it is:

$$2.000 \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) + ((-1.000) \cdot \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \cos \frac{1.000}{x} \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)$$

57 step: finding a derivation of function:

$$2.000 \cdot (y + \cos \frac{1.000}{x}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot (\cos x \cdot (y + \cos \frac{1.000}{x}) - (1.000 + (-1.000) + (-1.000)) \cdot (\cos x \cdot (y + \cos \frac{1.000}{x})) \cdot (\cos x \cdot (y + \cos x)) \cdot ($$

here it is:

$$(2.000 \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) + ((-1.000) \cdot \cos \frac{1.000}{x^{2.000}}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) + ((-1.000) \cdot \cos \frac{1.000}{x^{2.000}}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) + ((-1.000) \cdot \cos \frac{1.000}{x^{2.000}}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) + ((-1.000) \cdot \cos \frac{1.000}{x^{2.000}}) + ((-1.000) \cdot \cos \frac{1.000}{$$

58 step: finding a derivation of function:

x

here it is:

1.000

59 step: finding a derivation of function:

1.000

here it is:

0.000

60 step: finding a derivation of function:

1.000

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

$$\cos\frac{1.000}{x}$$

here it is:

$$(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

62 step: finding a derivation of function:

u

here it is:

1.000

63 step: finding a derivation of function:

$$(y + \cos \frac{1.000}{x})$$

here it is:

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

64 step: finding a derivation of function:

$$(y + \cos\frac{1.000}{x})^{2.000}$$

here it is:

$$2.000 \cdot (y + \cos \frac{1.000}{x}) \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

65 step: finding a derivation of function:

x

here it is:

1.000

66 step: finding a derivation of function:

 $x^{2.000}$ 

here it is:

 $2.000 \cdot x$ 

67 step: finding a derivation of function:

(-1.000)

here it is:

$$\frac{(-1.000)}{x^{2.000}}$$

here it is:

$$\frac{(-1.000)\cdot (-1.000)\cdot 2.000\cdot x}{\left(x^{2.000}\right)^{2.000}}$$

69 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

70 step: finding a derivation of function:

1.000

here it is:

0.000

71 step: finding a derivation of function:

 $\frac{1.000}{x}$ 

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

 $x^{2.00}$  72 step: finding a derivation of function:

 $\sin\frac{1.000}{x}$ 

here it is:

$$\cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

73 step: finding a derivation of function:

(-1.000)

here it is:

0.000

74 step: finding a derivation of function:

$$(-1.000) \cdot \sin \frac{1.000}{x}$$

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

76 step: finding a derivation of function:

1.000

here it is:

0.000

77 step: finding a derivation of function:

$$(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

78 step: finding a derivation of function:

x

here it is:

1.000

79 step: finding a derivation of function:

 $\cos x$ 

here it is:

$$(-1.000) \cdot \sin x$$

80 step: finding a derivation of function:

$$\cos x \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

here it is:

$$(-1.000) \cdot \sin x \cdot (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) + ((-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000)}{$$

81 step: finding a derivation of function:

x

1.000

82 step: finding a derivation of function:

 $\sin x$ 

here it is:

 $\cos x$ 

83 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

84 step: finding a derivation of function:

1.000

here it is:

0.000

85 step: finding a derivation of function:

 $\frac{1.000}{x}$ 

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

86 step: finding a derivation of function:

 $\sin\frac{1.000}{x}$ 

here it is:

$$\cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

87 step: finding a derivation of function:

(-1.000)

here it is:

0.000

88 step: finding a derivation of function:

 $(-1.000) \cdot \sin \frac{1.000}{x}$ 

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

89 step: finding a derivation of function:

x

here it is:

1.000

90 step: finding a derivation of function:

 $(x^{2.000})$ 

here it is:

 $2.000 \cdot x$ 

91 step: finding a derivation of function:

 $(x^{2.000})^{2.000}$ 

here it is:

$$2.000 \cdot x^{2.000} \cdot 2.000 \cdot x$$

92 step: finding a derivation of function:

x

here it is:

1.000

93 step: finding a derivation of function:

2.000

here it is:

0.000

94 step: finding a derivation of function:

 $2.000 \cdot x$ 

here it is:

2.000

95 step: finding a derivation of function:

(-1.000)

here it is:

$$(-1.000) \cdot 2.000 \cdot x$$

here it is:

$$-2.000$$

97 step: finding a derivation of function:

$$(-1.000)$$

here it is:

0.000

98 step: finding a derivation of function:

$$(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x$$

here it is:

2.000

99 step: finding a derivation of function:

$$\frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}}$$

here it is:

$$\frac{2.000 \cdot \left(x^{2.000}\right)^{2.000} - 2.000 \cdot x^{2.000} \cdot 2.000 \cdot x \cdot \left(-1.000\right) \cdot \left(-1.000\right) \cdot 2.000 \cdot x}{\left(\left(x^{2.000}\right)^{2.000}\right)^{2.000}}$$

100 step: finding a derivation of function:

$$\frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

here it is:

$$\frac{2.000\cdot \left(x^{2.000}\right)^{2.000}-2.000\cdot x^{2.000}\cdot 2.000\cdot x\cdot \left(-1.000\right)\cdot \left(-1.000\right)\cdot 2.000\cdot x}{\left(\left(x^{2.000}\right)^{2.000}\right)^{2.000}}\cdot \left(-1.000\right)\cdot \sin\frac{1.000}{x}+\left(-1.000\right)\cdot \sin\frac{$$

101 step: finding a derivation of function:

x

here it is:

1.000

102 step: finding a derivation of function:

 $x^{2.000}$ 

 $2.000 \cdot x$ 

103 step: finding a derivation of function:

(-1.000)

here it is:

0.000

104 step: finding a derivation of function:

 $\frac{(-1.000)}{x^{2.000}}$ 

here it is:

 $\frac{(-1.000)\cdot (-1.000)\cdot 2.000\cdot x}{\left(x^{2.000}\right)^{2.000}}$ 

105 step: finding a derivation of function:

x

here it is:

1.000

106 step: finding a derivation of function:

 $x^{2.000}$ 

here it is:

 $2.000 \cdot x$ 

107 step: finding a derivation of function:

(-1.000)

here it is:

0.000

108 step: finding a derivation of function:

 $\frac{(-1.000)}{x^{2.000}}$ 

here it is:

 $\frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}}$ 

109 step: finding a derivation of function:

x

1.000

110 step: finding a derivation of function:

1.000

here it is:

0.000

111 step: finding a derivation of function:

 $\frac{1.000}{x}$ 

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

112 step: finding a derivation of function:

$$\cos \frac{1.000}{x}$$

here it is:

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

113 step: finding a derivation of function:

$$\cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

here it is:

$$(-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot \cos \frac{1.000}{x}$$

114 step: finding a derivation of function:

$$(-1.000)$$

here it is:

115 step: finding a derivation of function:

$$(-1.000)\cdot\cos\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

$$(-1.000) \cdot ((-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot \cos \frac{1.000}{x})$$

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}}$$

here it is:

$$(-1.000) \cdot ((-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot \cos \frac{1.000}{x}) \cdot \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{x^{2.000}} \cdot \cos \frac{1.000}{x}$$

117 step: finding a derivation of function:

$$((-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x})$$

here it is:

$$(-1.000) \cdot ((-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot \cos \frac{1.000}{x}) \cdot \frac{(-1.000) \cdot (-1.000) \cdot 2.000}{x^{2.000}} \cdot \cos \frac{1.000}{x}$$

118 step: finding a derivation of function:

$$((-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}) \cdot \sin x + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{x} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

here it is:

$$((-1.000) \cdot ((-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot \cos \frac{1.000}{x}) \cdot \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{x^{2.000}} \cdot \cos \frac{1.000}{x}) \cdot \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{x^{2.000}} \cdot \cos \frac{1.000}{x}$$

119 step: finding a derivation of function:

$$(((-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}) \cdot \sin x + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{(x^{2.000})^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{(x^{2.000})^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{(x^{2.000})^{2.000}} + \frac{(-1.000) \cdot (-1.000)}{(x^{2.000})^{2.00}} + \frac{(-1.000) \cdot (-1.000)}{(x^{2.000})^{2.00}} + \frac{(-1.000) \cdot (-1.000)}{(x^{2.000})^{2.000}} + \frac{(-1.000) \cdot (-1.000)}{(x^{2.000})^{2.00}} + \frac{(-1.000)$$

here it is:

$$((-1.000) \cdot ((-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot \cos \frac{1.000}{x}) \cdot \frac{(-1.000) \cdot (-1.000) \cdot 2.000}{x^{2.000}} \cdot \cos \frac{1.000}{x}$$

120 step: finding a derivation of function:

x

here it is:

1.000

121 step: finding a derivation of function:

 $\cos x$ 

$$(-1.000) \cdot \sin x$$

122 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

123 step: finding a derivation of function:

<sub>x</sub>2.000

here it is:

 $2.000 \cdot x$ 

124 step: finding a derivation of function:

(-1.000)

here it is:

0.000

125 step: finding a derivation of function:

 $\frac{(-1.000)}{x^{2.000}}$ 

here it is:

$$\frac{(-1.000)\cdot (-1.000)\cdot 2.000\cdot x}{\left(x^{2.000}\right)^{2.000}}$$

126 step: finding a derivation of function:

 $\boldsymbol{x}$ 

here it is:

1.000

127 step: finding a derivation of function:

1.000

here it is:

0.000

128 step: finding a derivation of function:

 $\frac{1.000}{r}$ 

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

$$\sin \frac{1.000}{r}$$

here it is:

$$\cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

130 step: finding a derivation of function:

$$(-1.000)$$

here it is:

131 step: finding a derivation of function:

$$(-1.000) \cdot \sin \frac{1.000}{x}$$

here it is:

$$(-1.000)\cdot\cos\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

132 step: finding a derivation of function:

$$(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

133 step: finding a derivation of function:

here it is:

134 step: finding a derivation of function:

$$(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}})$$

here it is:

$$(-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}$$

135 step: finding a derivation of function:

$$(1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \cos x$$

$$((-1.000) \cdot \cos \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \frac{(-1.000)}{x^{2.000}} + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.000) \cdot \sin \frac{1.000}{x}) \cdot \cos x + \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{x^{2.000}} \cdot \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{x^{2.000}} \cdot \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{x^{2.000}} \cdot \frac{(-1.000) \cdot (-1.000) \cdot (-1.000) \cdot (-1.000)}{x^{2.000}} \cdot \frac{(-1.000) \cdot (-1.000)}{x^{2.000}} \cdot \frac{(-$$

136 step: finding a derivation of function:

x

here it is:

1.000

137 step: finding a derivation of function:

1.000

here it is:

0.000

138 step: finding a derivation of function:

 $\frac{1.000}{r}$ 

here it is:

$$\frac{(-1.000)\cdot 1.000}{x^{2.000}}$$

139 step: finding a derivation of function:

$$\cos\frac{1.000}{x}$$

here it is:

$$(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}}$$

140 step: finding a derivation of function:

y

here it is:

1.000

141 step: finding a derivation of function:

$$(y + \cos\frac{1.000}{x})$$

here it is:

$$1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}$$

142 step: finding a derivation of function:

x

1.000

143 step: finding a derivation of function:

 $\sin x$ 

here it is:

 $\cos x$ 

144 step: finding a derivation of function:

(-1.000)

here it is:

0.000

145 step: finding a derivation of function:

$$(-1.000) \cdot \sin x$$

here it is:

$$(-1.000) \cdot \cos x$$

146 step: finding a derivation of function:

$$(-1.000) \cdot \sin x \cdot (y + \cos \frac{1.000}{x})$$

here it is:

$$(-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot (-1.000) \cdot \sin x$$

147 step: finding a derivation of function:

$$((-1.000) \cdot \sin x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \cos x)$$

here it is:

$$(-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos x)) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \cos x \cdot (y + \cos x)) \cdot (-1.000) \cdot (-1$$

148 step: finding a derivation of function:

$$(((-1.000) \cdot \sin x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \cos x) - (((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x) - ((-1.000) \cdot \cos x$$

$$((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x + (-1$$

$$(((-1.000) \cdot \sin x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \cos x) - (((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x) - (((-1.000) \cdot \cos x) \cdot \cos x$$

here it is:

$$(((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x)) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x) \cdot (-1.000) \cdot (-1.00$$

150 step: finding a derivation of function:

$$(((-1.000) \cdot \sin x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot \cos x) - (((-1.000) \cdot \cos \frac{1.000}{x}) \cdot \cos x) - (((-1.000) \cdot \cos x) \cdot \cos x) - ((($$

here it is:

$$((((-1.000) \cdot \cos x \cdot (y + \cos \frac{1.000}{x}) + (1.000 + (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}}) \cdot (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + (-1.000) \cdot \sin x + ((-1.000) \cdot \sin x + ((-$$

151 step: finding a derivation of function:

$$(((-1.000)\cdot\sin x\cdot(y+\cos\tfrac{1.000}{x})+(1.000+(-1.000)\cdot\sin\tfrac{1.000}{x}\cdot\tfrac{(-1.000)}{x^{2.000}})\cdot\cos x)-(((-1.000)\cdot\cos\tfrac{1.000}{x}\cdot\tfrac{(-1.000)}{x^{2.000}})\cdot\cos x)$$

here it is:

$$(((((-1.000)\cdot\cos x\cdot(y+\cos\frac{1.000}{x})+(1.000+(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}})\cdot(-1.000)\cdot\sin x+((-1.000)\cdot\cos(x+(y+\cos\frac{1.000}{x})+(1.000)\cdot\sin\frac{1.000}{x})\cdot(-1.000)\cdot\sin(x+(y+\cos\frac{1.000}{x})+(1.000)\cdot\sin\frac{1.000}{x})\cdot(-1.000)\cdot\sin(x+(y+\cos\frac{1.000}{x})+(1.000)\cdot\sin\frac{1.000}{x})\cdot(-1.000)\cdot\sin(x+(y+\cos\frac{1.000}{x})+(1.000)\cdot\sin\frac{1.000}{x})\cdot(-1.000)\cdot\sin(x+(y+\cos\frac{1.000}{x})+(1.000)\cdot\sin\frac{1.000}{x})\cdot(-1.000)\cdot\sin(x+(y+\cos\frac{1.000}{x})+(1.000)\cdot\sin\frac{1.000}{x})\cdot(-1.000)\cdot\sin(x+(y+\cos\frac{1.000}{x})+(1.000)\cdot\cos(x+(y+\cos\frac{1.000}{x})+(1.000$$

Finally... The 3 derivation of the expression:

$$\underbrace{(((((-1.000)\cdot\cos x\cdot(y+\cos\frac{1.000}{x})+(1.000+(-1.000)\cdot\sin\frac{1.000}{x}\cdot\frac{(-1.000)}{x^{2.000}})\cdot(-1.000)\cdot\sin x+((-1.000)\cdot\cos\frac{1.000}{x})\cdot(-1.000)\cdot\sin\frac{1.000}{x}\cdot(-1.000)\cdot\sin\frac{1.000}{x^{2.000}})}_{-1}$$

BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT THE 3 DERIVATION OF THIS EXPRESSION!!! IN THE POINT (x=3.000, y=1.000)IT'S VALUE = -0.342!!!

Partial derivation of the expression on the variable 'x':

$$\frac{\cos x \cdot (1.000 + \cos \frac{1.000}{x}) - (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^{2.000}} \cdot \sin x}{(1.000 + \cos \frac{1.000}{x})^{2.000}}$$

IN THE POINT (x = 3.000, y = 1.000) IT'S VALUE = -0.510361 !!!

Partial derivation of the expression on the variable 'y':

$$\frac{(-0.141)}{(y+0.945)^{2.000}}$$

IN THE POINT (x = 3.000, y = 1.000) IT'S VALUE = -0.037305 !!! Full derivation:

$$\sqrt{\left(\frac{\cos x \cdot (1.000 + \cos \frac{1.000}{x}) - (-1.000) \cdot \sin \frac{1.000}{x} \cdot \frac{(-1.000)}{x^2 \cdot 000} \cdot \sin x}{\left(1.000 + \cos \frac{1.000}{x}\right)^{2.000}}\right)^{2.000} + \left(\frac{(-0.141)}{(y + 0.945)^{2.000}}\right)^{2.000}}$$

IN THE POINT (x = 3.000, y = 1.000)IT'S VALUE = 0.512 !!! Let's consider the expression as a function of x variable: f(x) =

$$\frac{\sin x}{1.000 + \cos \frac{1.000}{x}}$$

Maklorens formula for x near to 3.000000:

$$0.073 + (-0.510) \cdot (x - 3.000) + (-0.026) \cdot (x - 3.000)^{2.000} + 0.080 \cdot (x - 3.000)^{3.000} + 0.003 \cdot (x - 3.000)^{4.000} + 0.000 \cdot (x - 3.000)^{2.000} + 0.000 \cdot (x - 3.000)^{2.000}$$

And remainig member is o maloe from:

$$(x-3.000)^{4.000}$$

Graph f(x):

Tangent equation in point -2.000: f(x) =

$$(-0.253) \cdot (x - (-2.000)) + (-0.484)$$

Normal equation in point -2.000: f(x) =

$$3.960 \cdot (x - (-2.000)) + (-0.484)$$