

$$1. s = \frac{2\cos\left(x - \frac{2}{3}\right)}{\frac{1}{2} + \sin^2 y} \left(1 + \frac{z^2}{3 - z^2/5}\right).$$

При  $x = 14.26$ ;  $y = -1.22$ ;  $z = 3.5 \times 10^{-2}$ . Ответ:  $s = 0.749155$ .

$$2. s = \frac{\sqrt[3]{9 + (x - y)^2}}{x^2 + y^2 + 2} - e^{|x-y|} \operatorname{tg}^3 z.$$

При  $x = -4.5$ ;  $y = 0.75 \times 10^{-4}$ ;  $z = -0.845 \times 10^2$ . Ответ:  $s = -3.23765$ .

$$3. s = \frac{1 + \sin^2(x + y)}{\left|x - \frac{2y}{1 + x^2 y^2}\right|} x^{|y|} + \cos^2\left(\operatorname{arctg} \frac{1}{z}\right).$$

При  $x = 3.74 \times 10^{-2}$ ;  $y = -0.825$ ;  $z = 0.16 \times 10^2$ . Ответ:  $s = 1.05534$ .

$$4. s = |\cos x - \cos y|^{(1+2\sin^2 y)} \left(1 + z + \frac{z^2}{2} + \frac{z^3}{3} + \frac{z^4}{4}\right).$$

При  $x = 0.4 \times 10^4$ ;  $y = -0.875$ ;  $z = -0.475 \times 10^{-3}$ . Ответ:  $s = 1.98727$ .

$$5. s = \ln\left(y^{-\sqrt{|x|}}\right) \left(x - \frac{y}{2}\right) + \sin^2(\operatorname{arctg}(z)).$$

При  $x = -15.246$ ;  $y = 4.642 \times 10^{-2}$ ;  $z = 21$ . Ответ:  $s = -182.038$ .

$$6. s = \sqrt{10(\sqrt[3]{x} + x^{y+2})} (\arcsin z - |x - y|).$$

При  $x = 16.55 \times 10^{-3}$ ;  $y = -2.75$ ;  $z = 0.15$ . Ответ:  $s = -40.6307$ .

$$7. s = 5\operatorname{arctg}(x) - \frac{1}{4}\arccos(x) \frac{x + 3|x - y| + x^2}{|x - y|z + x^2}.$$

При  $x = 0.1722$ ;  $y = 6.33$ ;  $z = 3.25 \times 10^{-4}$ . Ответ:  $s = -205.306$ .

$$8. s = \frac{e^{|x-y|} |x - y|^{x+y}}{\operatorname{arctg}(x) + \operatorname{arctg}(z)} + \sqrt[3]{x^6 + \ln^2 y}.$$

При  $x = -2.235 \times 10^{-2}$ ;  $y = 2.23$ ;  $z = 15.221$ . Ответ:  $s = 39.3741$ .

$$9. s = \left|x^{\frac{y}{x}} - \sqrt[3]{\frac{y}{x}}\right| + (y - x) \frac{\cos y - \frac{z}{(y-x)}}{1 + (y-x)^2}.$$

При  $x = 1.825 \times 10^2$ ;  $y = 18.225$ ;  $z = -3.298 \times 10^{-2}$ . Ответ:  $s = 1.21308$ .

$$10. s = 2^{-x} \sqrt{x + \sqrt[4]{|y|}} \sqrt[3]{e^{x-1/\sin z}}.$$

При  $x = 3.981 \times 10^{-2}$ ;  $y = -1.625 \times 10^3$ ;  $z = 0.512$ . Ответ:  $s = 1.26185$ .

$$11. s = y^{\sqrt[3]{|x|}} + \cos^3(y) \frac{|x - y| \left(1 + \frac{\sin^2 z}{\sqrt{x + y}}\right)}{e^{|x-y|} + \frac{x}{2}}.$$

При  $x = 6.251$ ;  $y = 0.827$ ;  $z = 25.001$ . Ответ:  $s = 0.712122$ .

$$12. s = 2^{(y^x)} + (3^x)^y - \frac{y \left(\operatorname{arctg} z - \frac{1}{3}\right)}{\left|x + \frac{1}{y^2 + 1}\right|}.$$

При  $x = 3.251$ ;  $y = 0.325$ ;  $z = 0.466 \times 10^{-4}$ . Ответ:  $s = 4.23655$ .

$$13. s = \frac{\sqrt[4]{y + \sqrt[3]{x-1}}}{|x - y| (\sin^2 z + \operatorname{tg} z)}.$$

При  $x = 17.421$ ;  $y = 10.365 \times 10^{-3}$ ;  $z = 0.828 \times 10^5$ . Ответ:  $s = 0.330564$ .

$$14. s = \frac{y^{x+1}}{\sqrt[3]{|y-2|} + 3} + \frac{x + \frac{y}{2}}{2|x + y|} (x + 1)^{-1/\sin z}.$$

При  $x = 12.3 \times 10^{-1}$ ;  $y = 15.4$ ;  $z = 0.252 \times 10^3$ . Ответ:  $s = 82.8256$ .

$$15. s = \frac{x^{y+1} + e^{y-1}}{1 + x|y - \operatorname{tg} z|} \left(1 + |y - x|\right) + \frac{|y - x|^2}{2} - \frac{|y - x|^3}{3}.$$

При  $x = 2.444$ ;  $y = 0.869 \times 10^{-2}$ ;  $z = -0.13 \times 10^3$ . Ответ:  $s = -0.498707$ .