Równiania
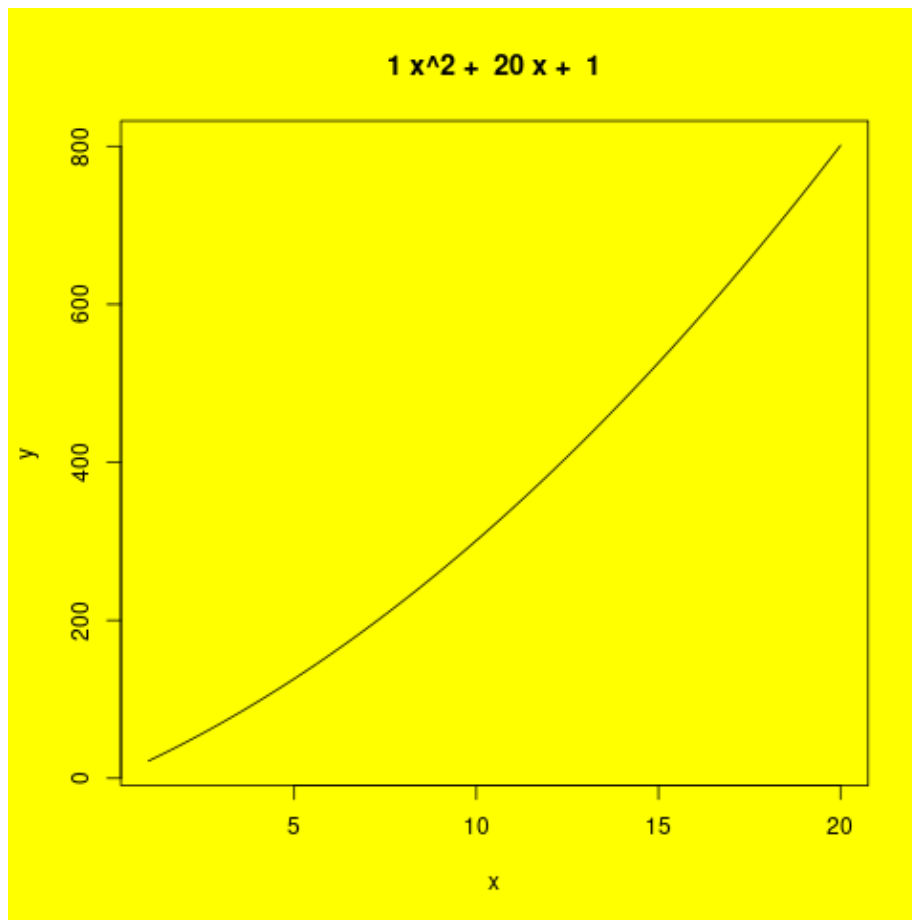
C and bash

December 20, 2021

1 $\mathbf{1.0x}^2 + 20.0 * x + 1.0$

Mamy funkcje $1.0\text{x}^2 + 20.0x + 1.0 \Delta = 20.0^2 - 4 \times 1.0 \times 1.0 x_1 = \frac{-20.0 + \sqrt{396.0}}{2 \times 1.0} x_2 = \frac{-20.0 - \sqrt{396.0}}{2 \times 1.0} x_1 = 0.0 x_2 = 0.0$

1.0	22.0
2.0	45.0

2 $20.0\mathbf{x}^2 + 420.0 * x + 1.0$

Mamy funkcje $20.0\mathrm{x}^2 + 420.0x + 1.0$ $\Delta = 420.0^2 - 4 \times 20.0 \times 1.0$ $x_1 = \frac{-420.0 + \sqrt{176320.0}}{2 \times 20.0}$ $x_2 = \frac{-420.0 - \sqrt{176320.0}}{2 \times 20.0}$ $x_1 = 0.0$ $x_2 = 0.0$

-41.0	16401.0
-40.0	15201.0

20 x^2 + 420 x + 1