

① toString()

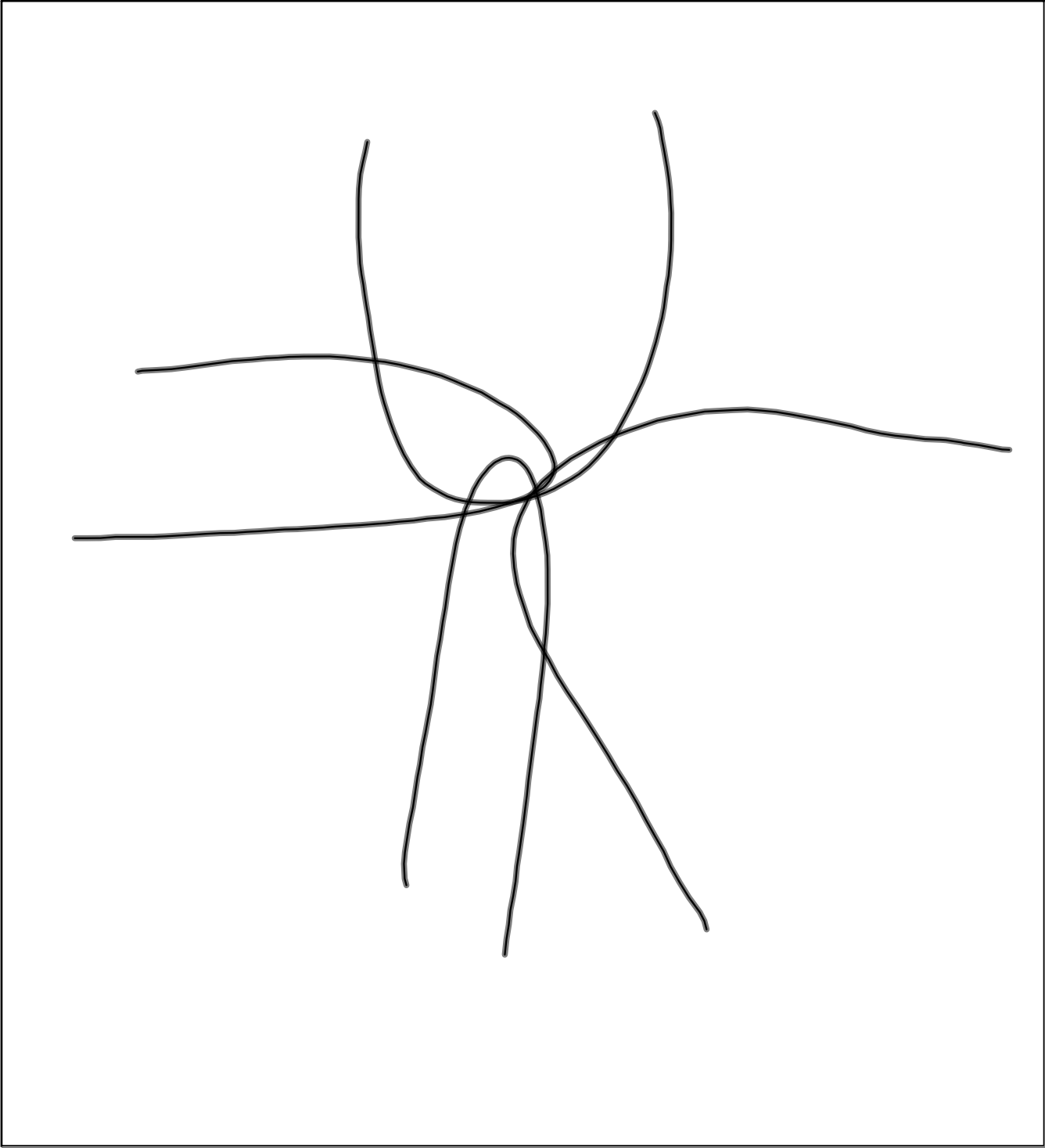
Object
↑
Employee

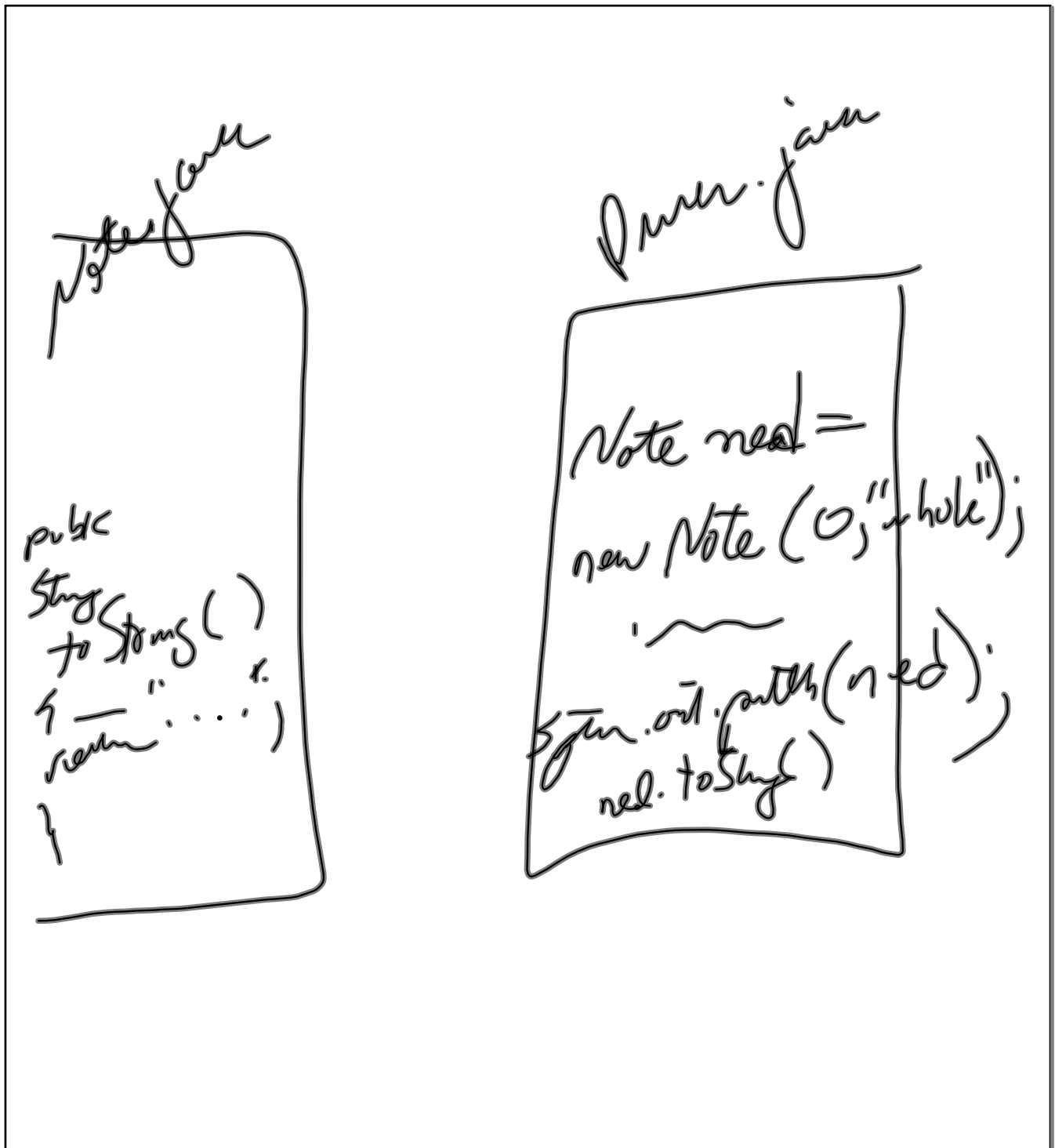
toString()
public String toString();

HW this week

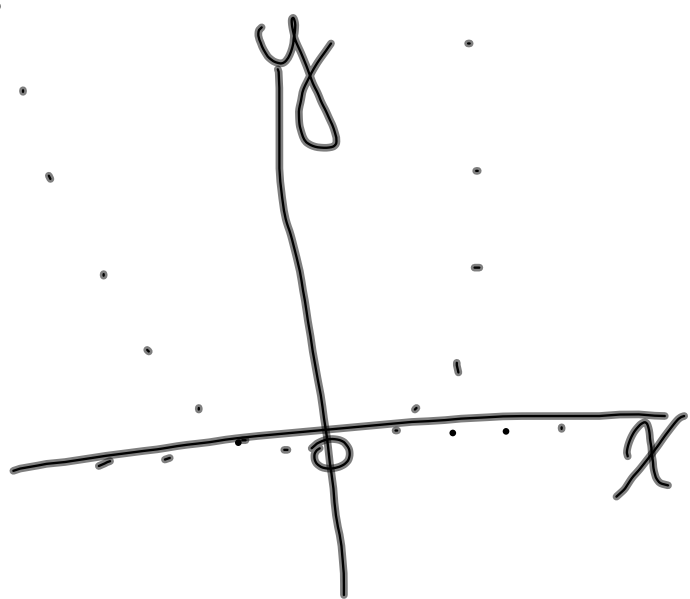
MPL

Jgroup: gen doc
↳ Projects file





code
Javadoc
Driver

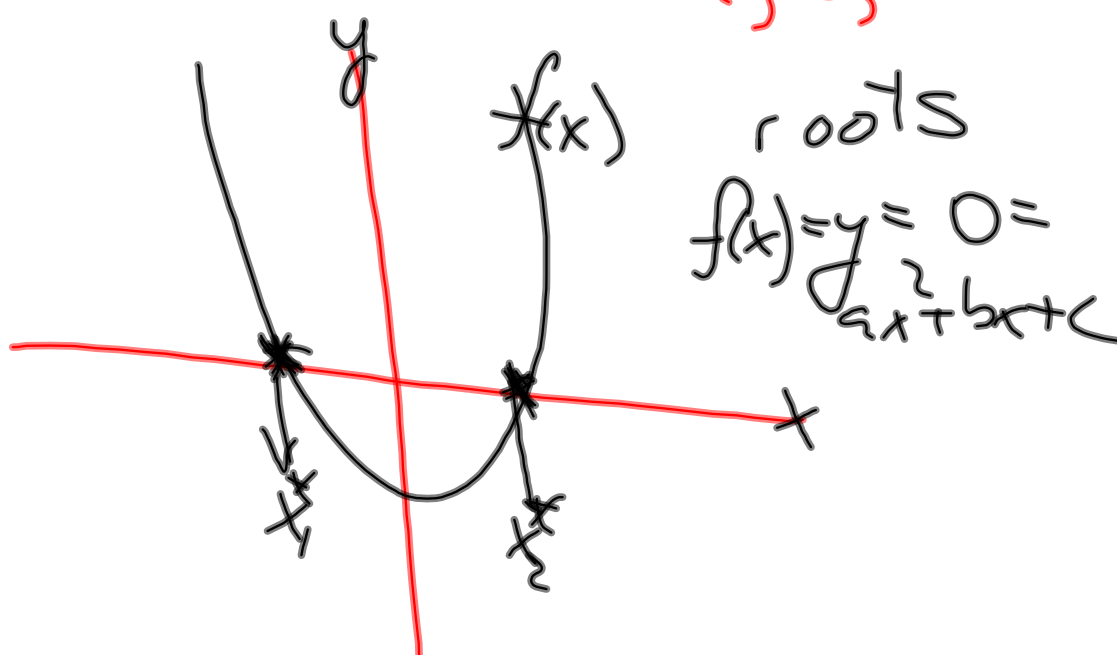


Quadratic

$$ax^2 + bx + c = f(x) = y$$

$$y = -3x^2 + 2x - 6$$

class named Quadratic
double precision coefficients
 a, b, c



$$x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

discriminant = $b^2 - 4ac$

$$\sqrt{-18} \neq 18$$

$$\text{Complex} \triangleq i \triangleq \sqrt{-1}$$

$$\sqrt{-18} = \sqrt{-1} \sqrt{18} = 3i\sqrt{2}$$

2 constructors

default \rightarrow

a, b, c

$$y = x^2$$

toString()

gets, sets

get Discr
 $b^2 - 4ac$

has Real Roots

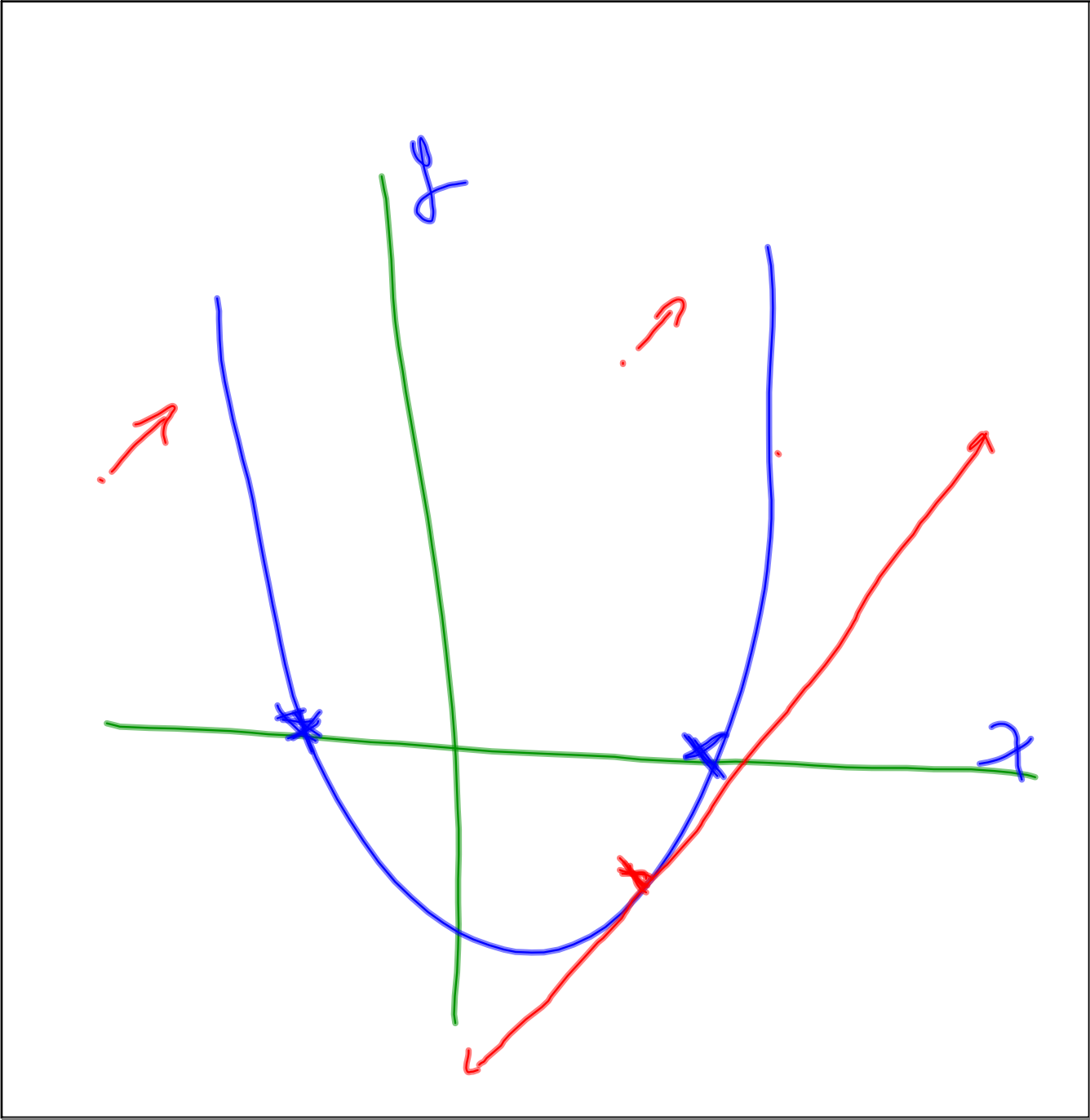
T/F

has Complex Roots

T/F

compute Real Roots

double[]



$$f(x) = ax^2 + bx + c$$

$$f'(x) = 2ax + b$$

double slope At x (double x);

$$f(x) = \overset{\text{2nd order}}{a}x^2 + \overset{\text{1st order}}{b}x + c$$

$$\left. \begin{array}{l} a=0 \\ b=1 \\ c=0 \end{array} \right\} y=x$$

