Polynomial +getDegree (): int +getCoefficient (int): double +getString (): String +getLeadingCoefficient (int): double +evaluateAt (double):double +getYIntercept (): double +isRoot (double): boolean +isEqualTo(Polynomial): boolean +plus (Polynomial): Polynomial +getLowerLevel(): Polynomial +translate(double,double): Plynomia +multiply(Polynomial): Polynomial Quadratic Line -term: AbstractTerm -term: AbstractTerm - constant: Constant - line: Line +getDegree (): int +getDegree (): int +getCoefficient (int): double +getCoefficient (int): double +getString (): String +getString (): String +getLeadingCoefficient (int): double +getLeadingCoefficient (int): double +evaluateAt (double):double +evaluateAt (double):double +getYIntercept (): double +getYIntercept (): double +isRoot (double): boolean +isRoot (double): boolean +isEqualTo(Polynomial): boolean +isEqualTo(Polynomial): boolean +plus (Polynomial): Polynomial +plus (Polynomial): Polynomial +getLowerLevel(): Constant +getLowerLevel(): Line +translate(double,double): Plynomia +translate(double,double): Plynomia +multiply(Polynomial): Polynomial +multiply(Polynomial): Polynomial

AbstractTerm

-coefficient: double

-degree: int

Constant

-term: AbstractTerm

+getCoefficient (int): double

+evaluateAt (double):double

+isEqualTo(Polynomial): boolean

+translate(double,double): Plynomia

+multiply(Polynomial): Polynomial

+plus (Polynomial): Polynomial

+getLowerLevel(): Constant

+getYIntercept (): double

+isRoot (double): boolean

+getLeadingCoefficient (int): double

+getDegree (): int

+getString (): String