

Formula collection, specified in the example of the **ExSol**  
package

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### **Solving second-order polynomial equations**

The roots of the following equation

$$ax^2 + bx + c = 0 \tag{1}$$

can be determined as:

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