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

$$
\begin{equation*}
a x^{2}+b x+c=0 \tag{1}
\end{equation*}
$$

can be determined as:

$$
\begin{equation*}
x_{1,2}=\frac{-b \pm \sqrt{b^{2}-4 a c}}{2 a} \tag{2}
\end{equation*}
$$

