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Roots finding by bisection of interval

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1. Instructions

- On the next page, enter a continuous function $P(x)$ and the lower and upper bound for the solution of $P(x) = 0$.

- Press $\boxed{\text{Step}}$ button.

- Error NaN indicates problem with arithmetics.

- If the lower bound is too close to upper bound, the Acrobat Reader may crash.

- We round all computation into four decimal digits.

- When you start the computation, the fields with the function and initial bounds are locked. They will be unlocked when pressing the $\boxed{\text{Delete}}$ button.

Bisection

$P(x) =$ $a =$ $b =$

a	c	b	$P(a)$	$P(c)$	$P(b)$	ϵ