

# Andengradspolynomiet

$$y = a \cdot x^2 + b \cdot x + c$$

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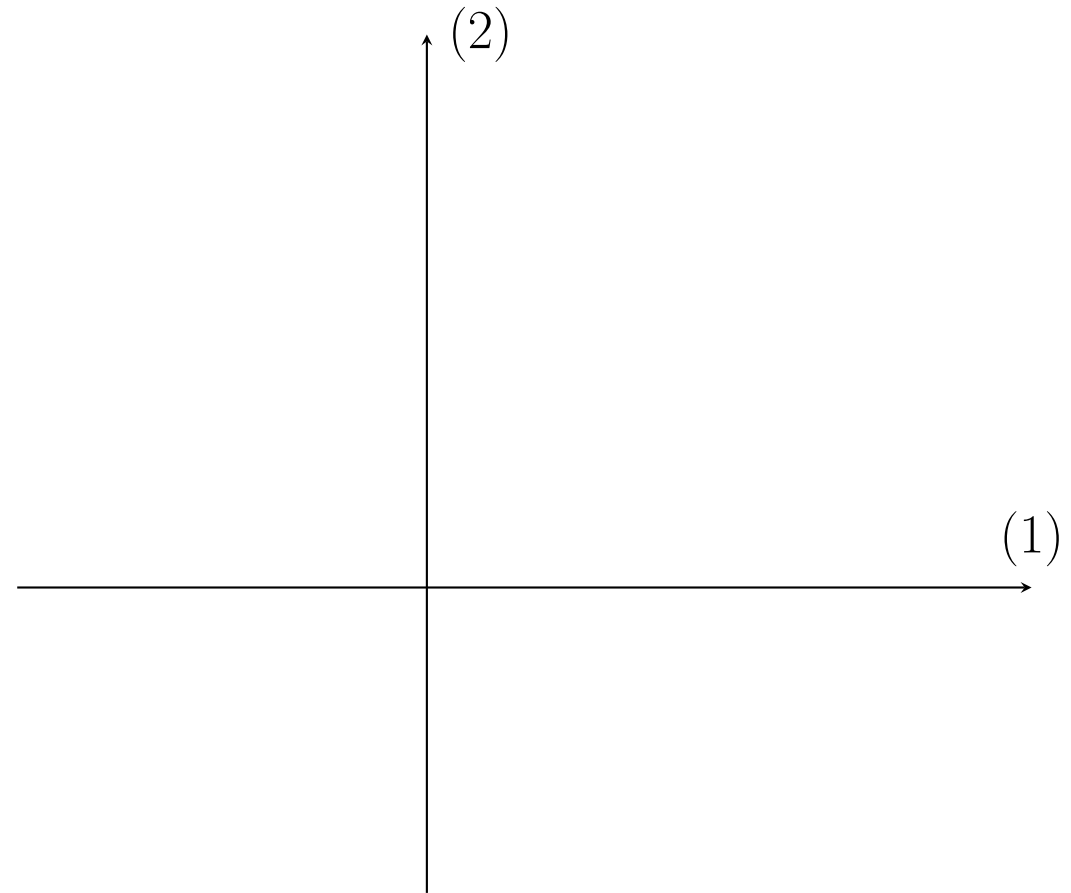
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Grafen skærer 2. akse i punktet  $(0,c)$ .

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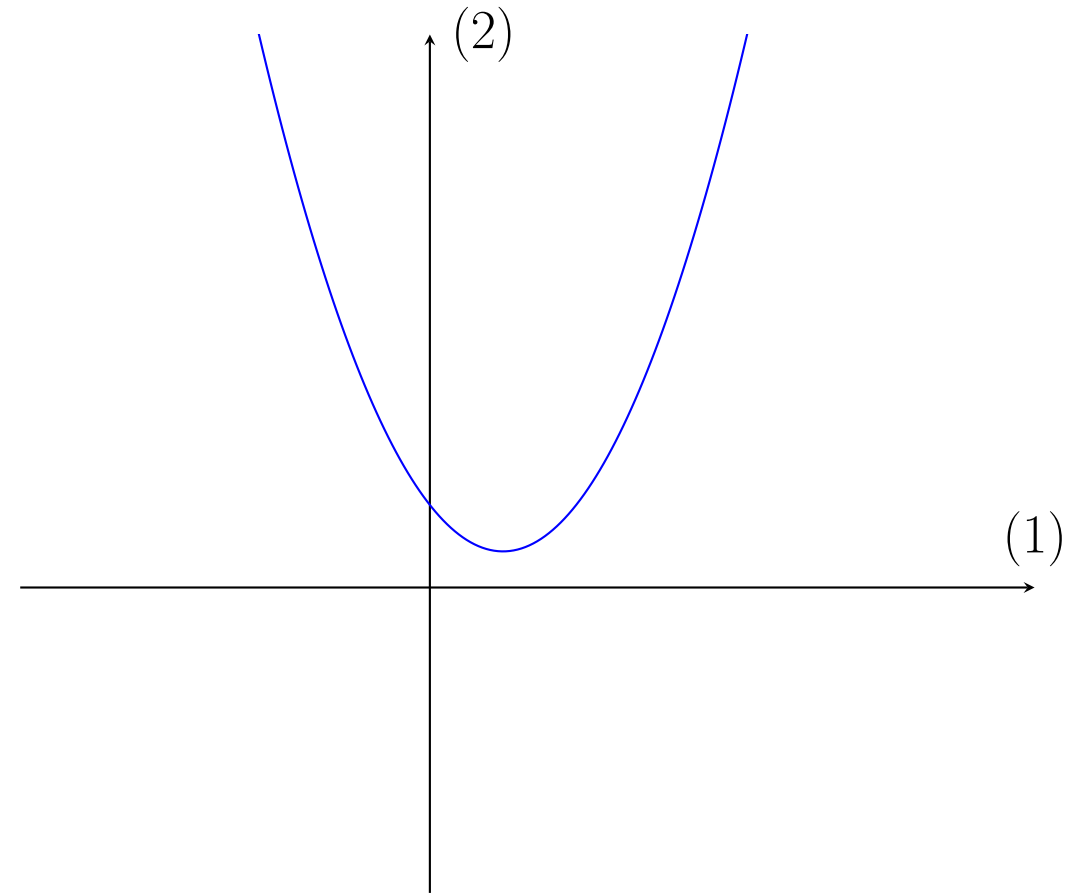
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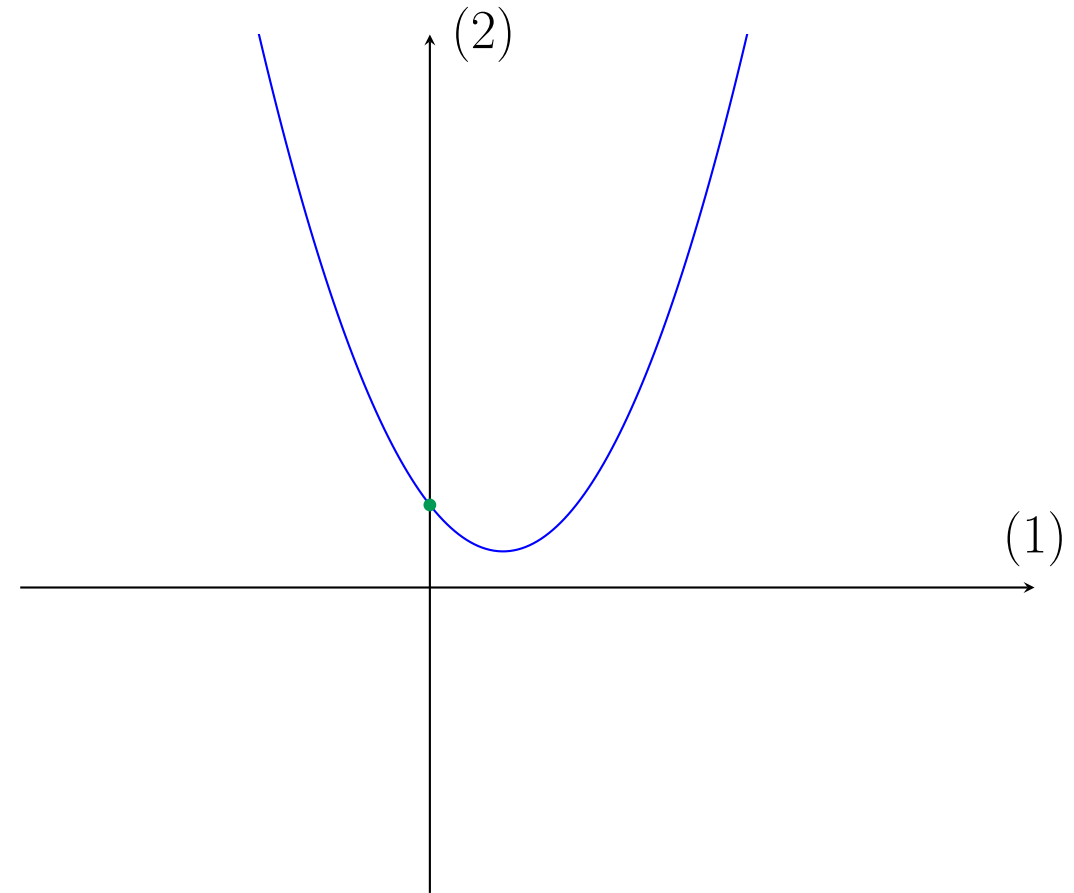
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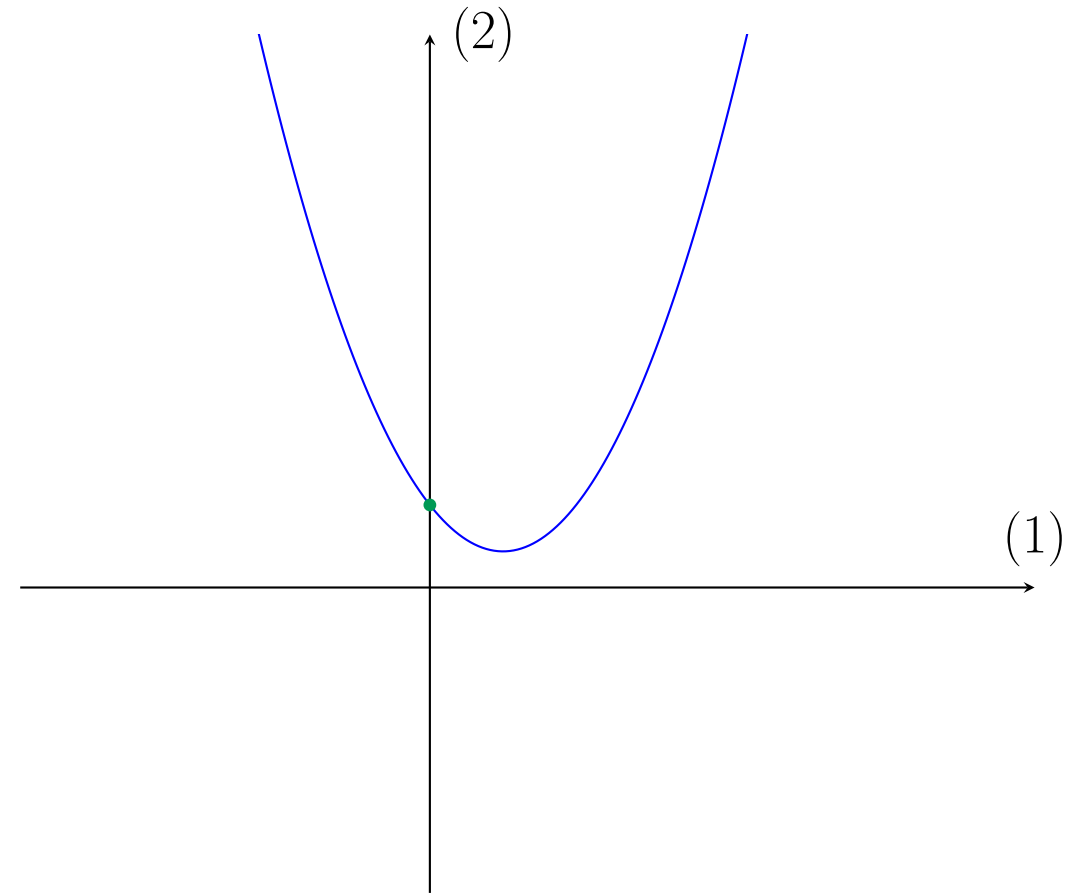


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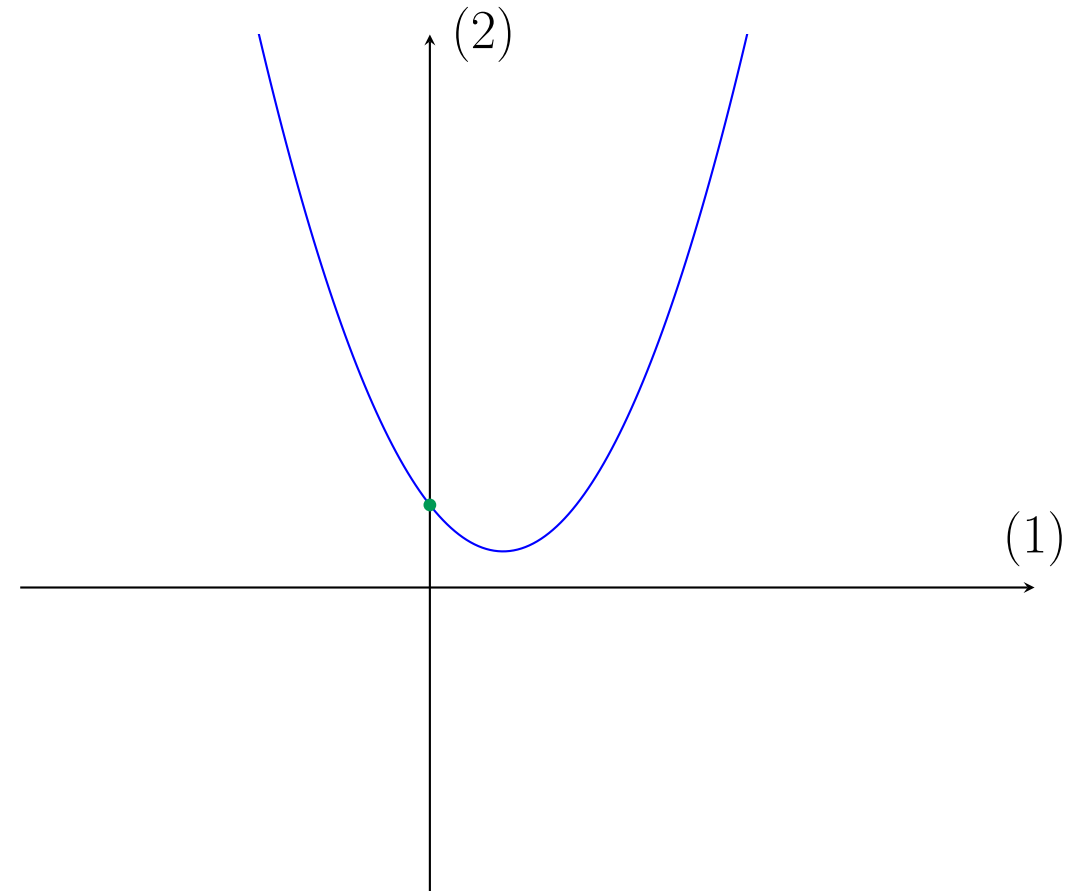
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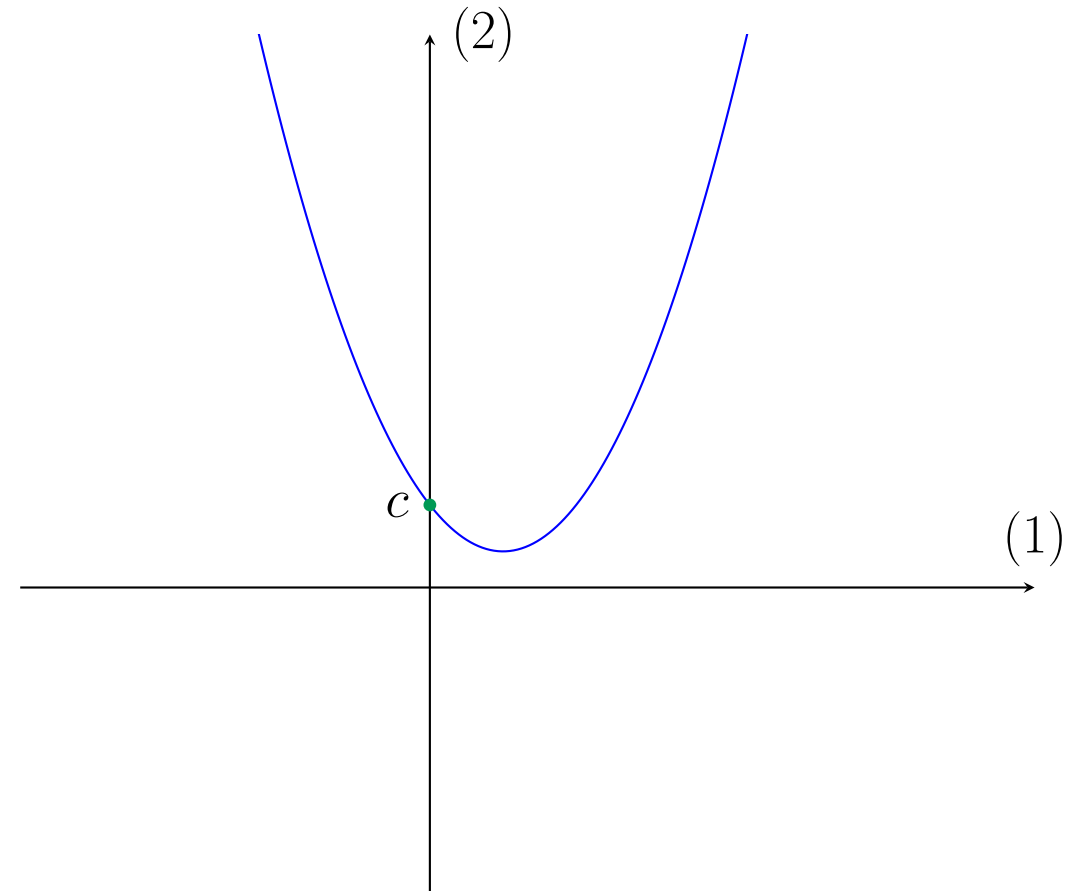
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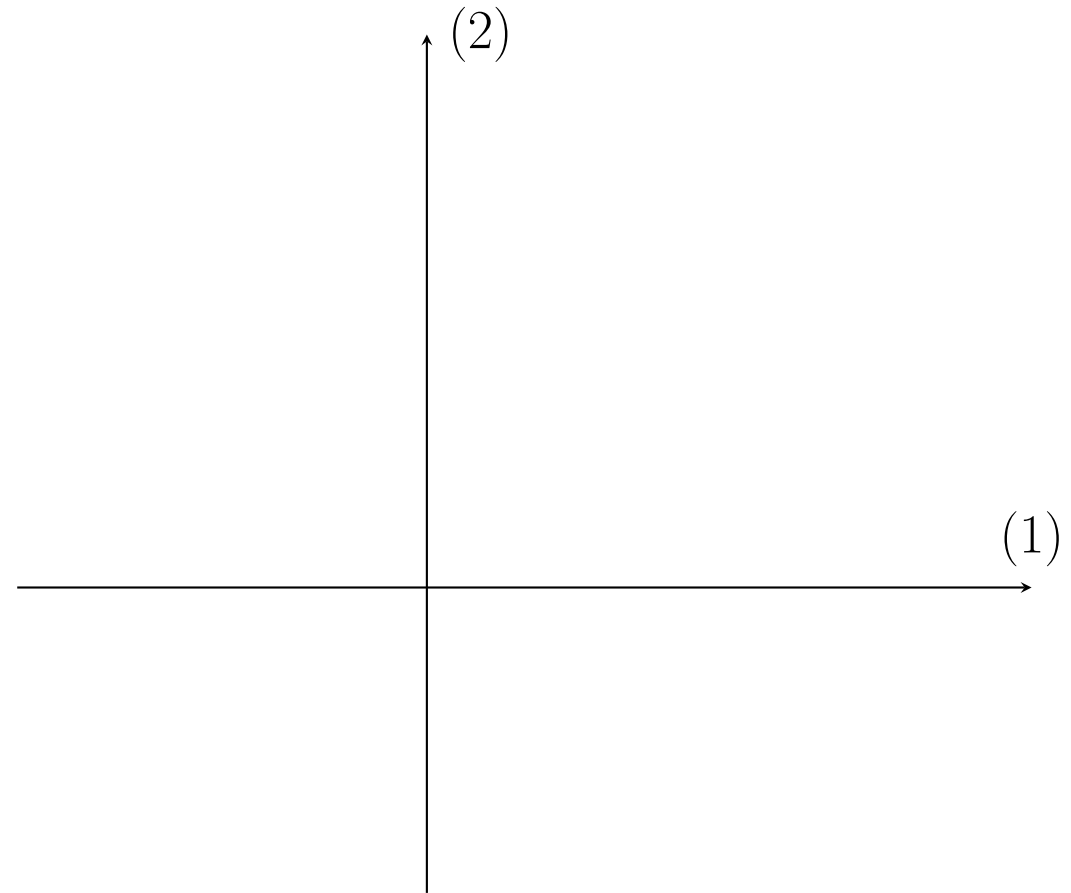
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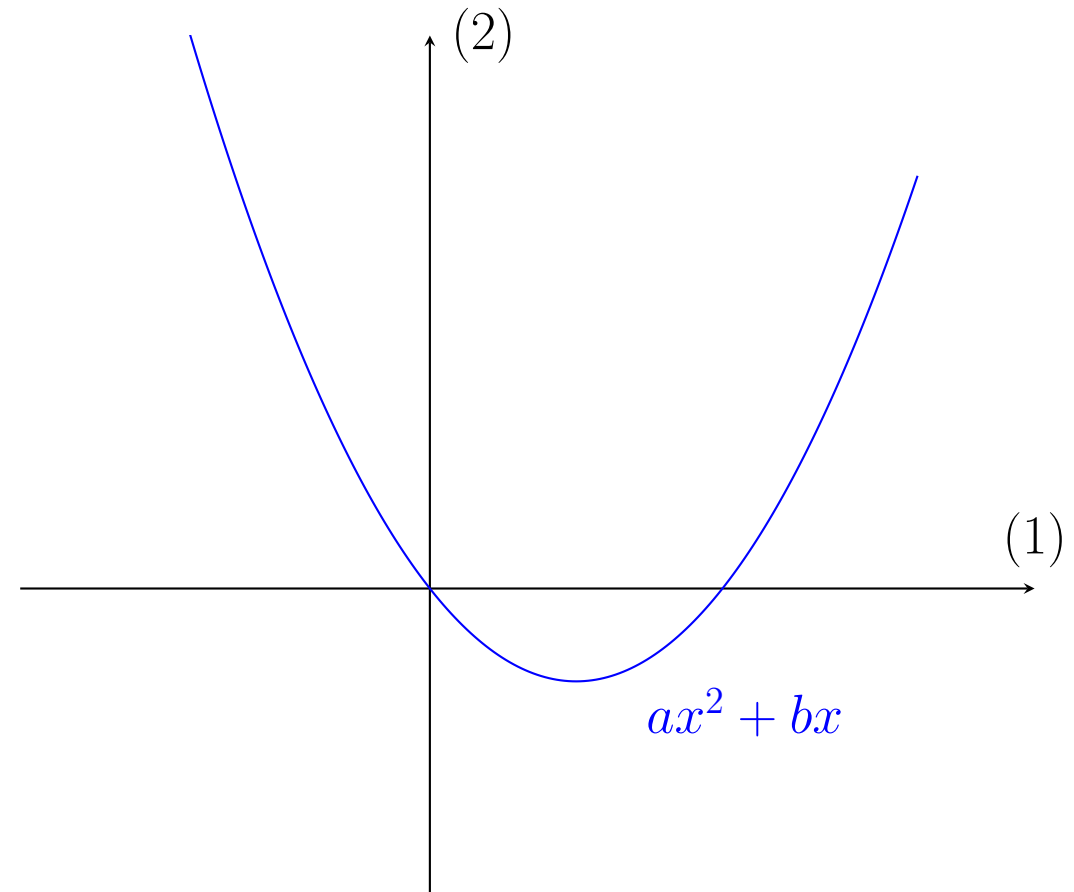
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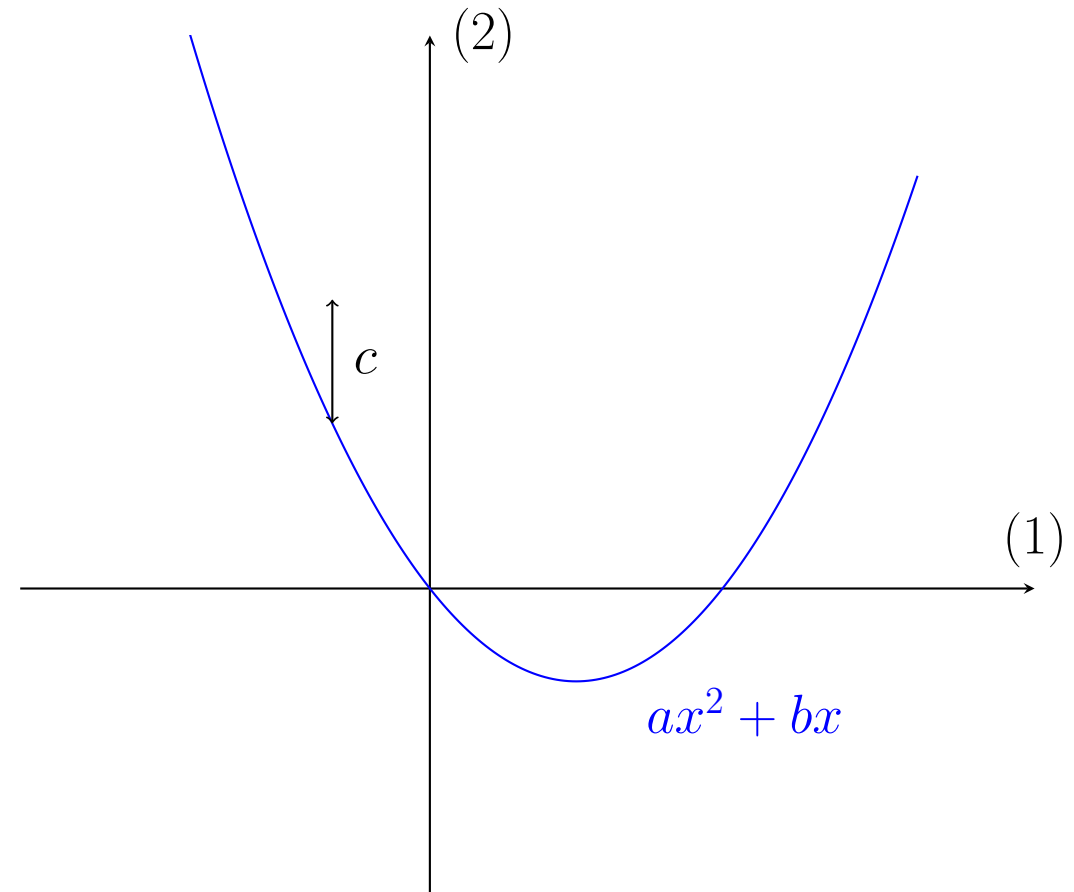
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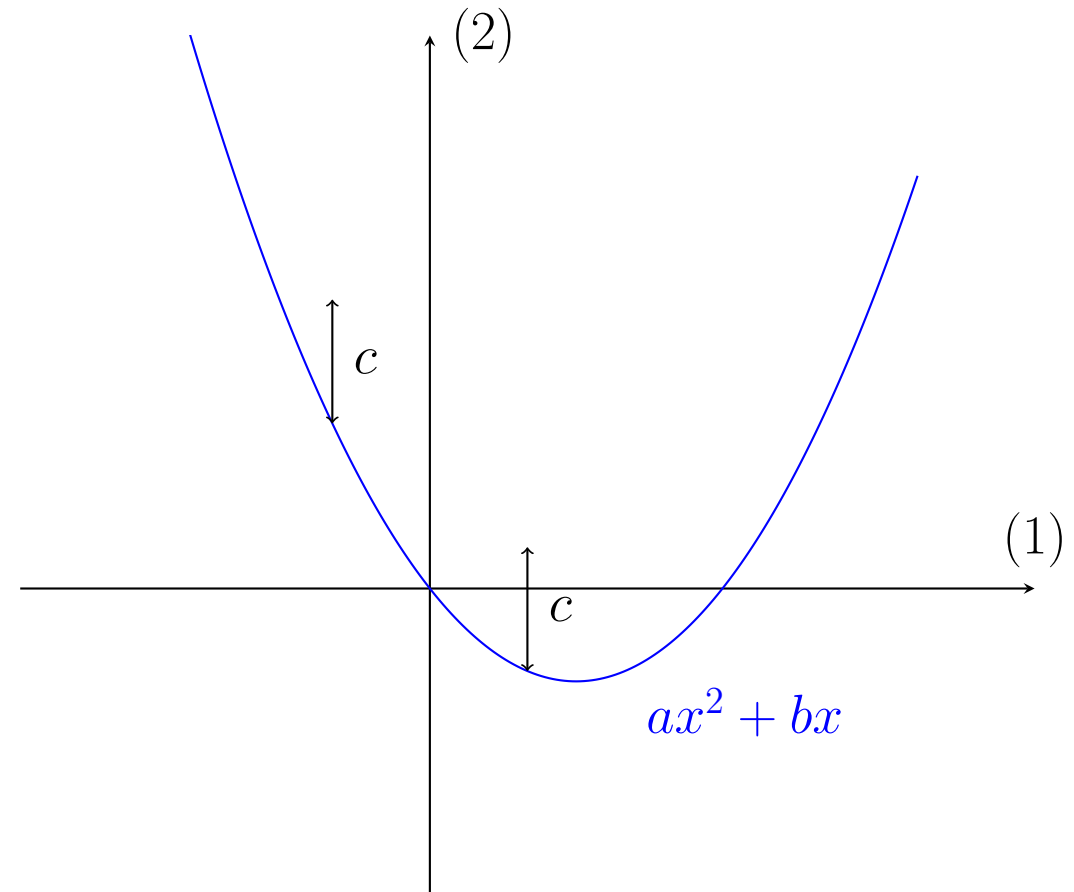
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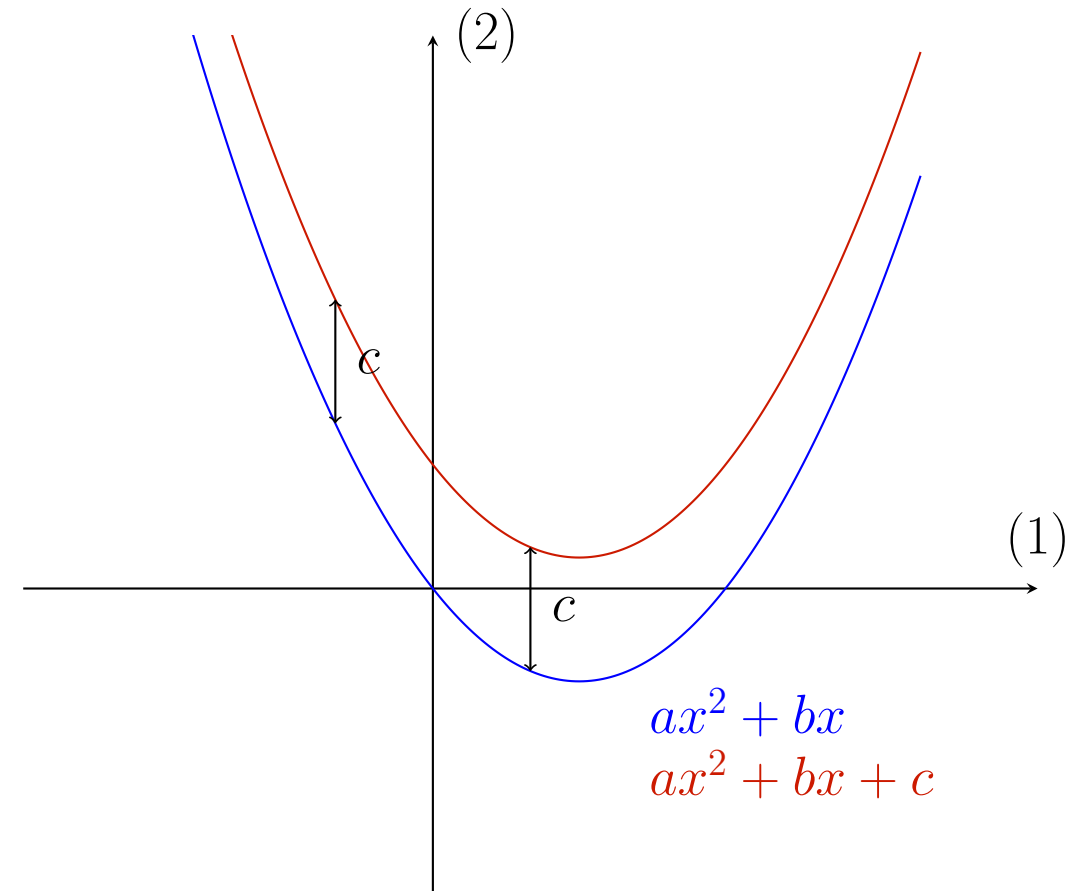
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$$s = -\frac{b}{2a}$$

$$y = a \cdot (x - s)^2 + p$$

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$$y = a \cdot x^2 - 2 \cdot a \cdot s \cdot x + a \cdot s^2 + p \quad (a-b)^2 = a^2 - ab - ab + b^2$$



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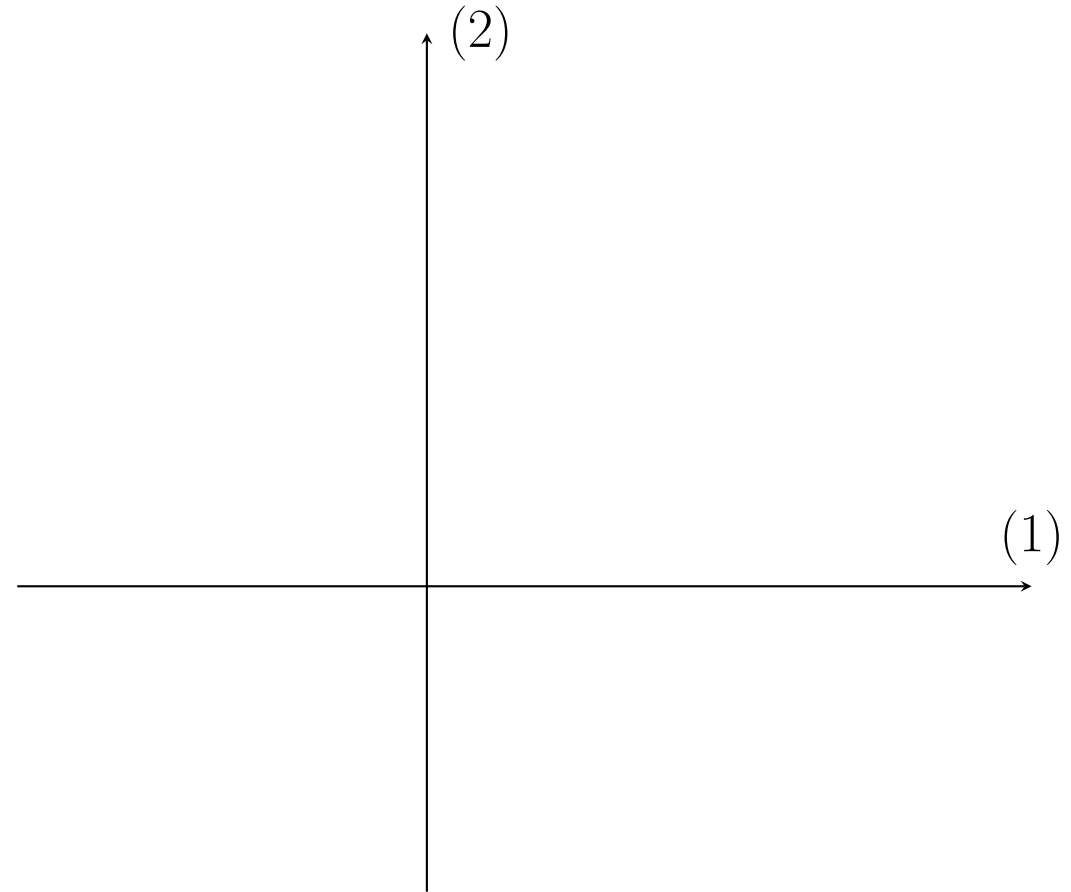
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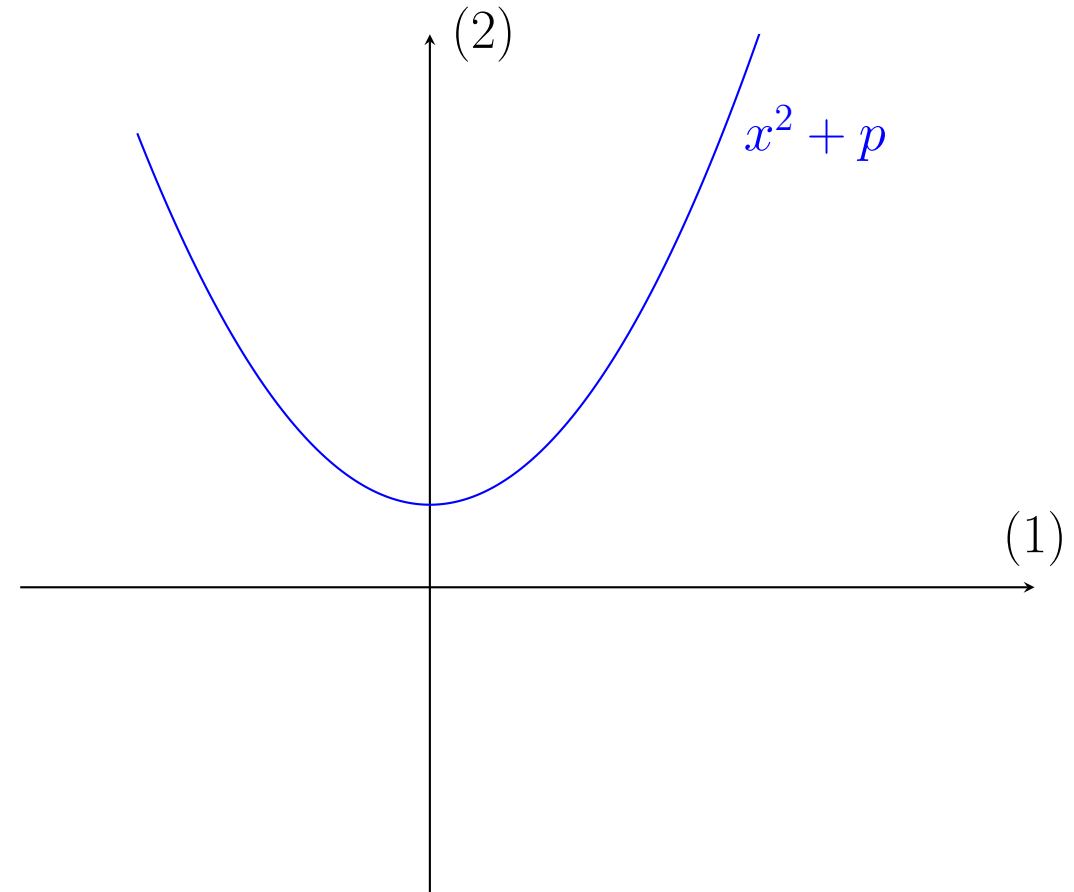
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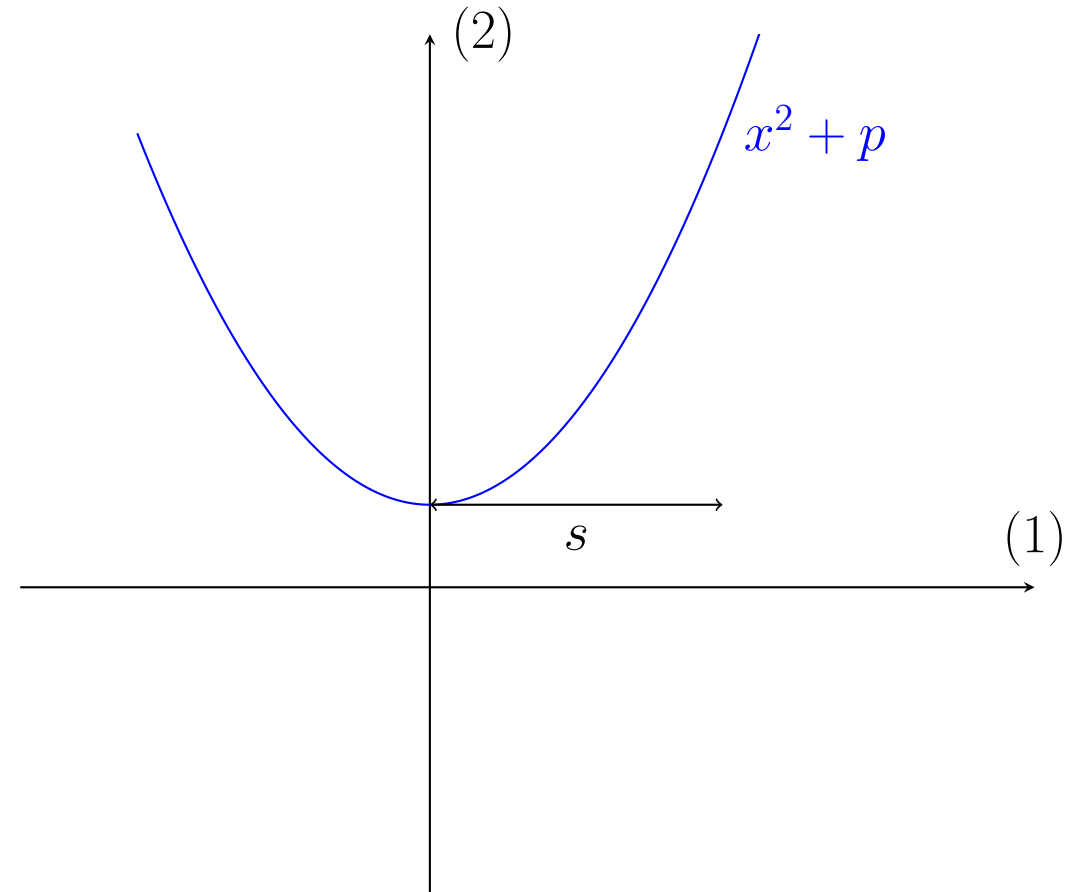
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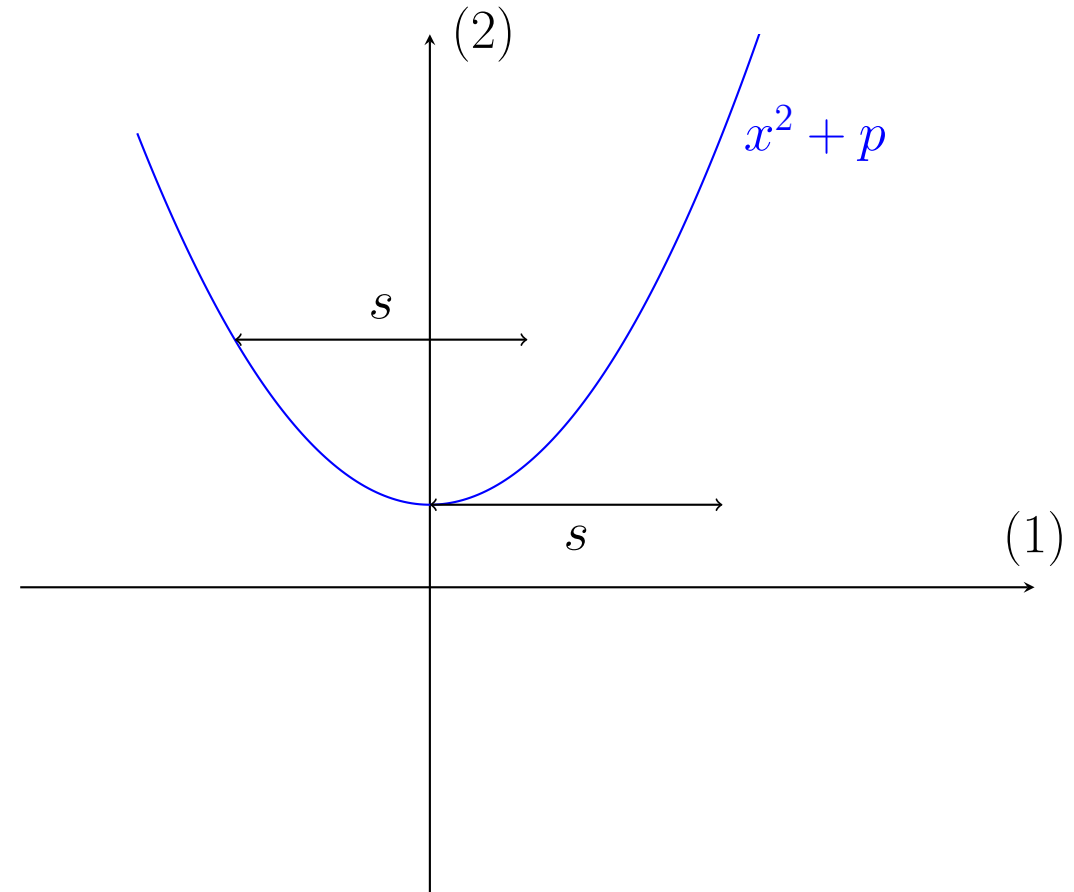
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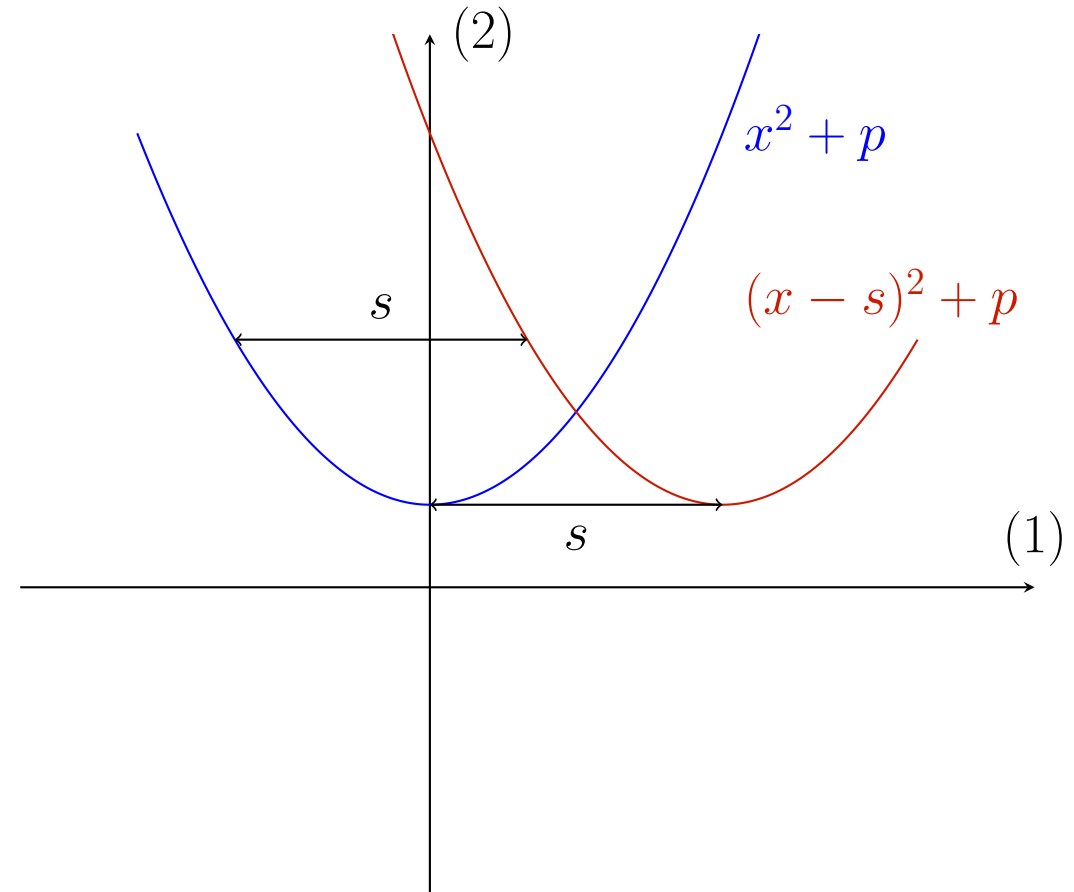
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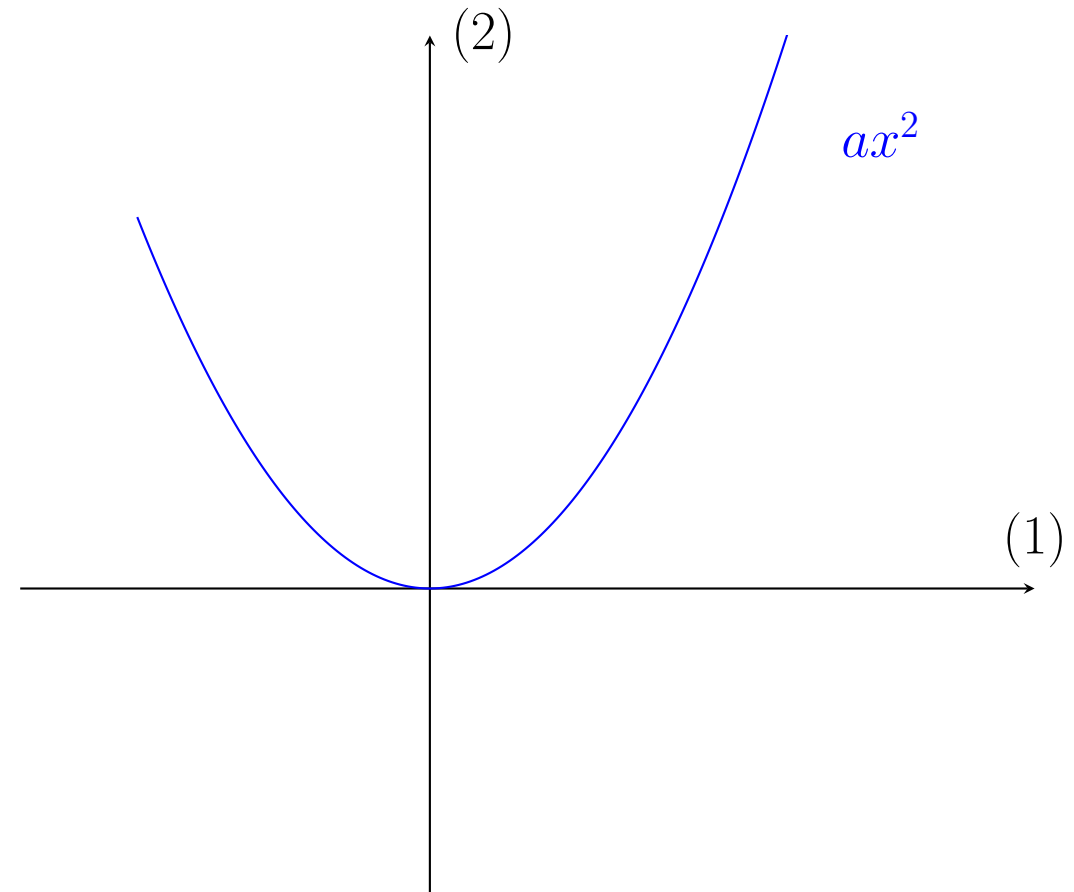
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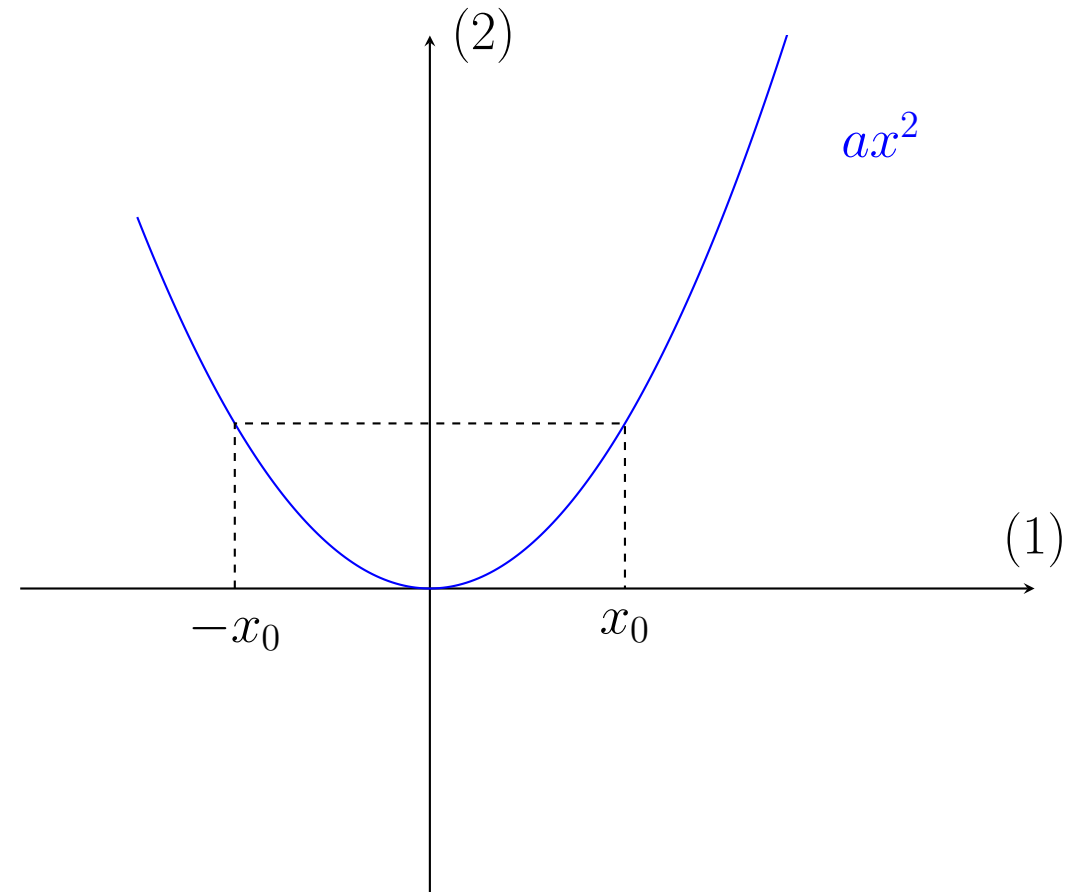


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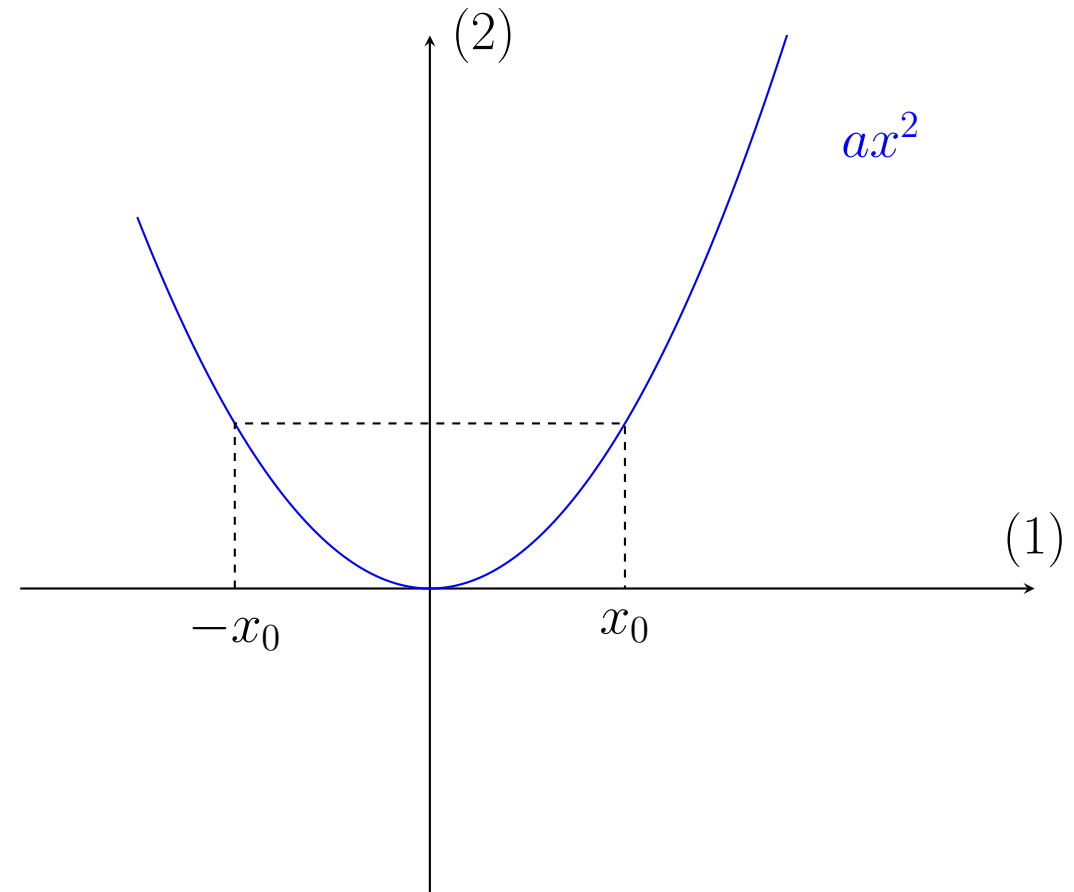
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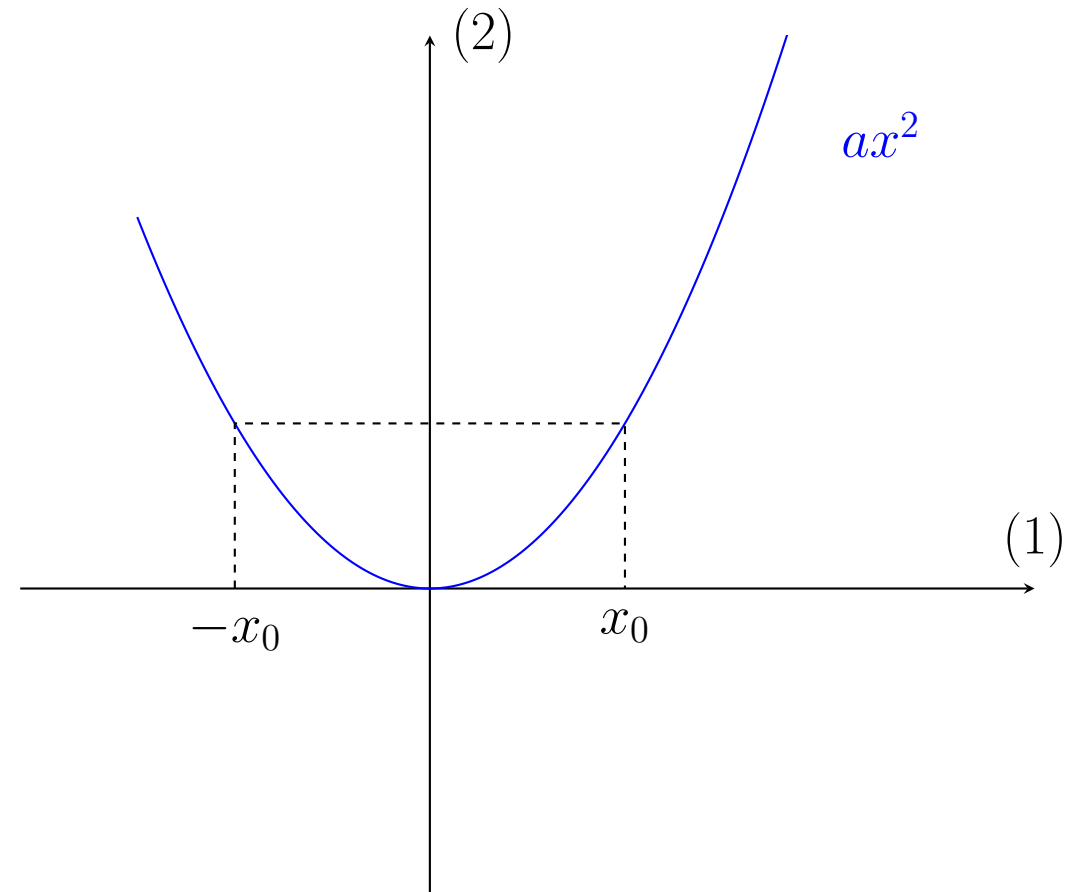
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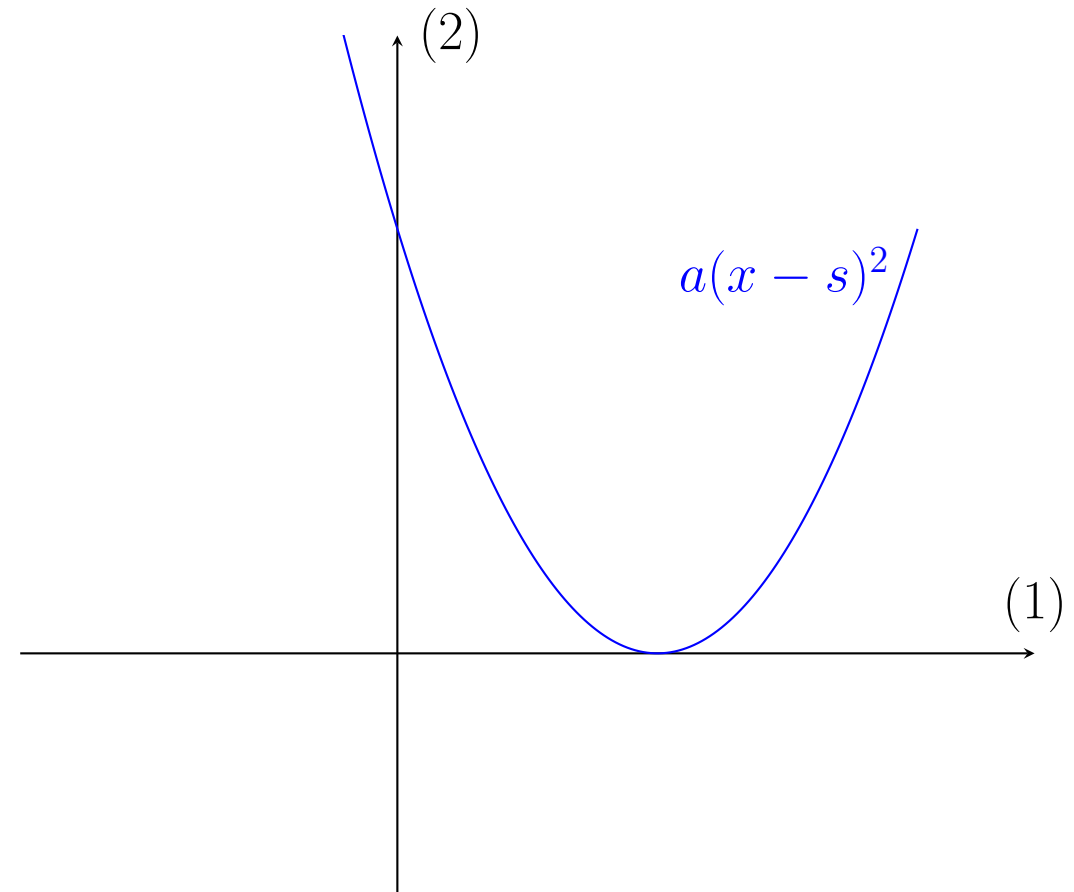
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er symmetrisk om  $x$ -værdien  $s$

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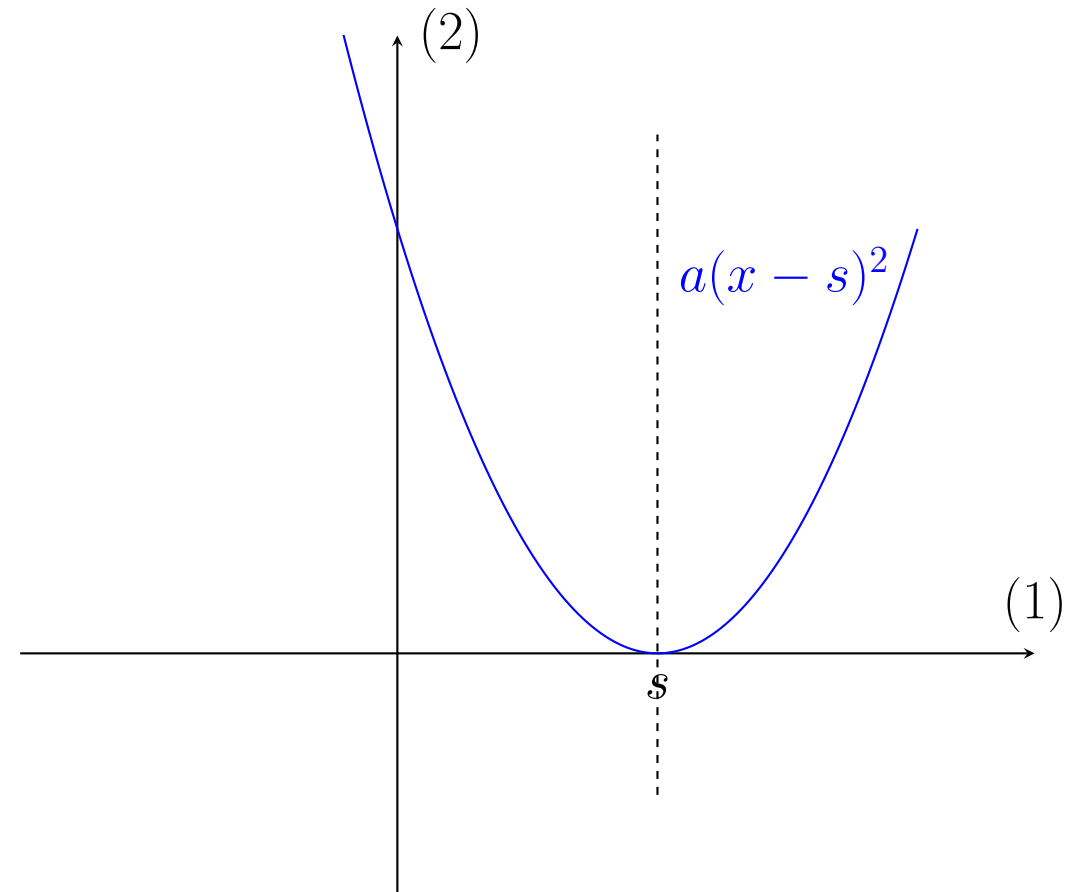
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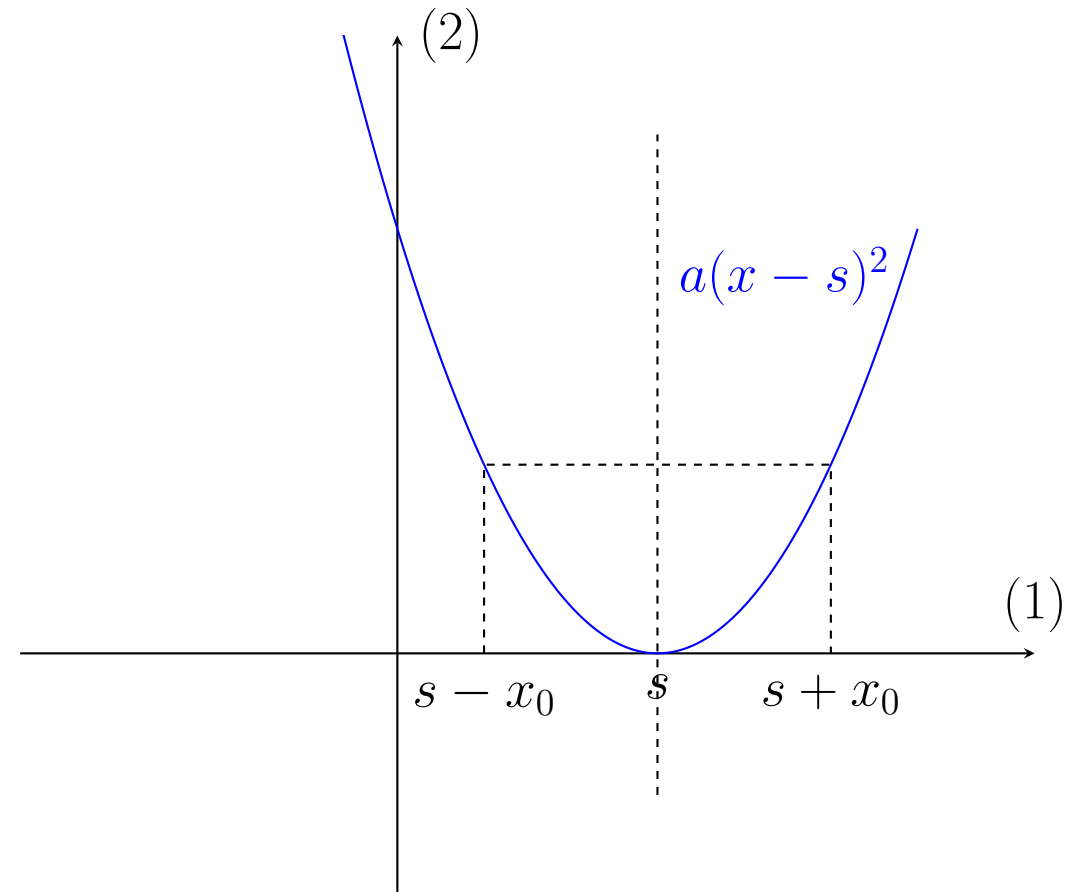




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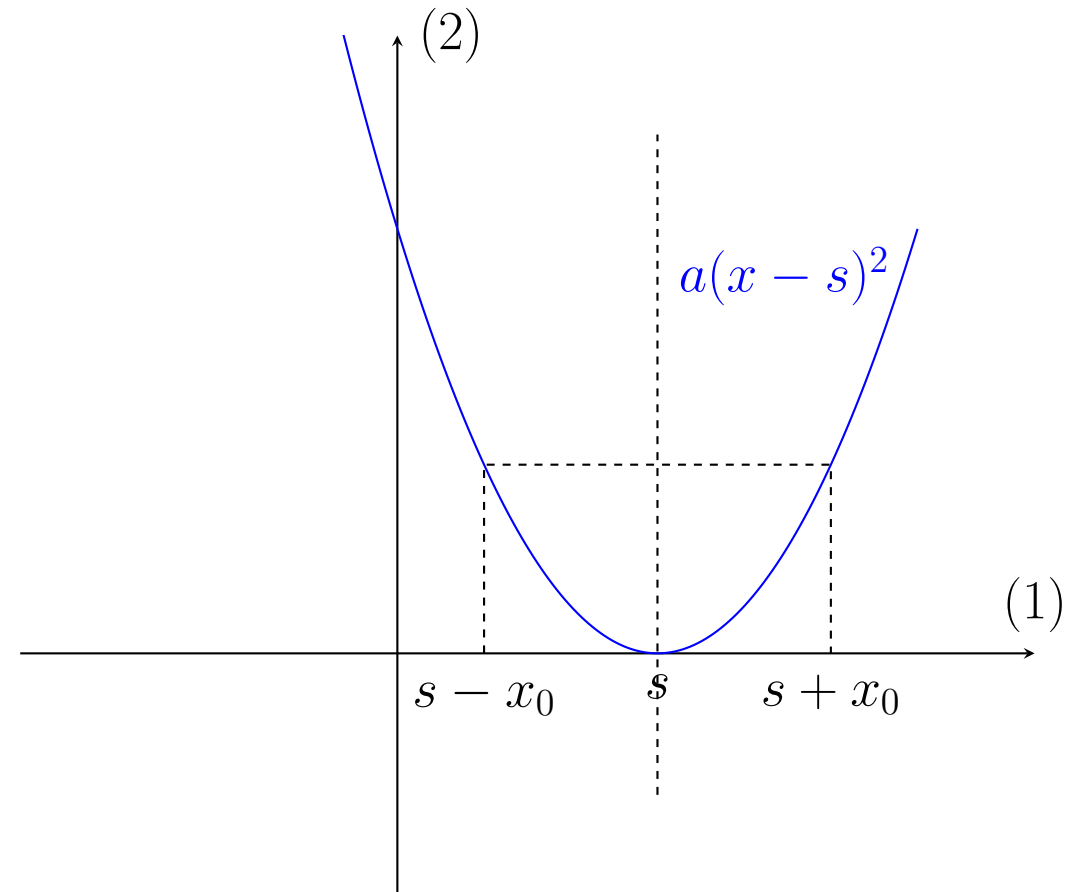


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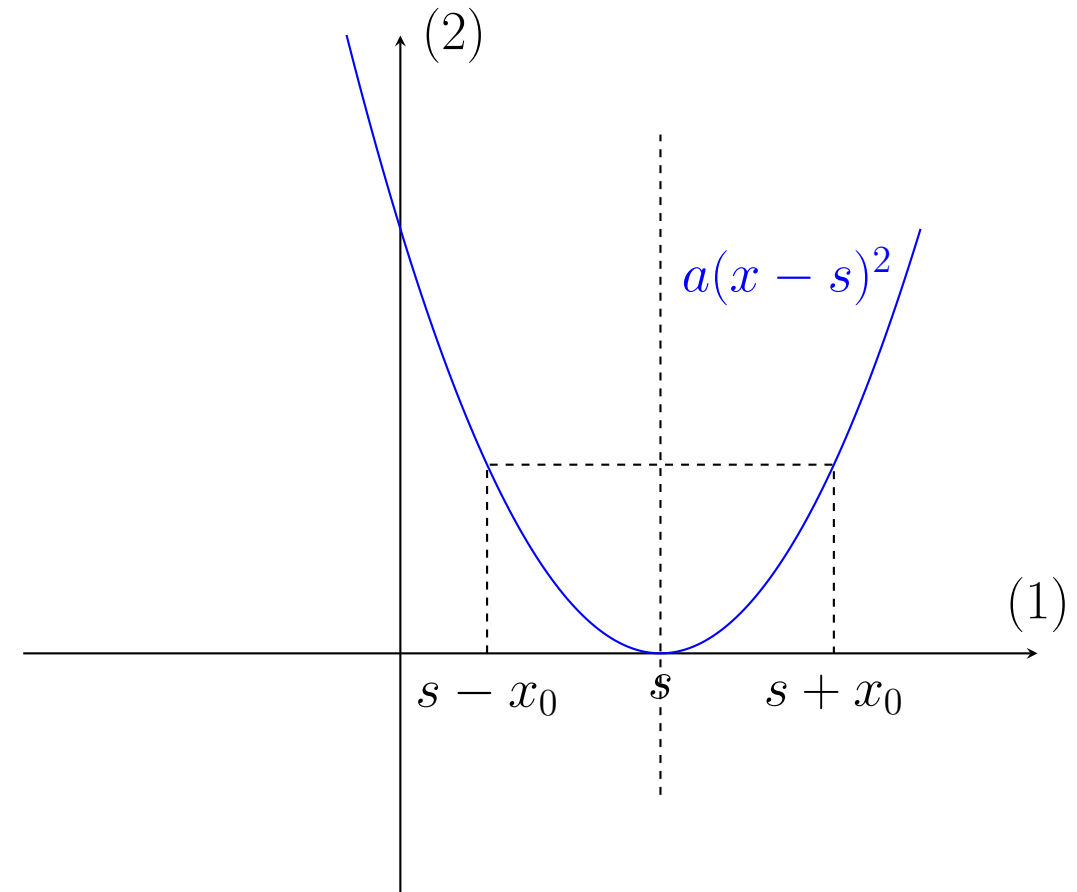


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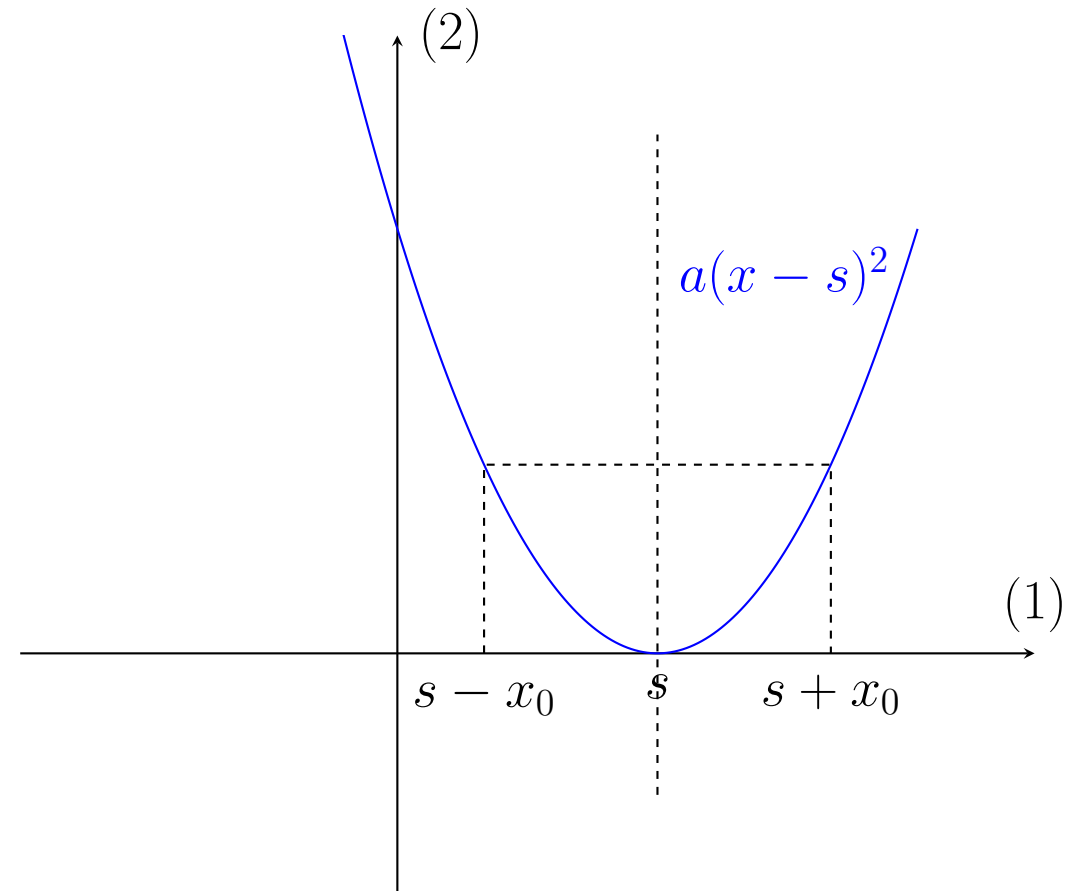
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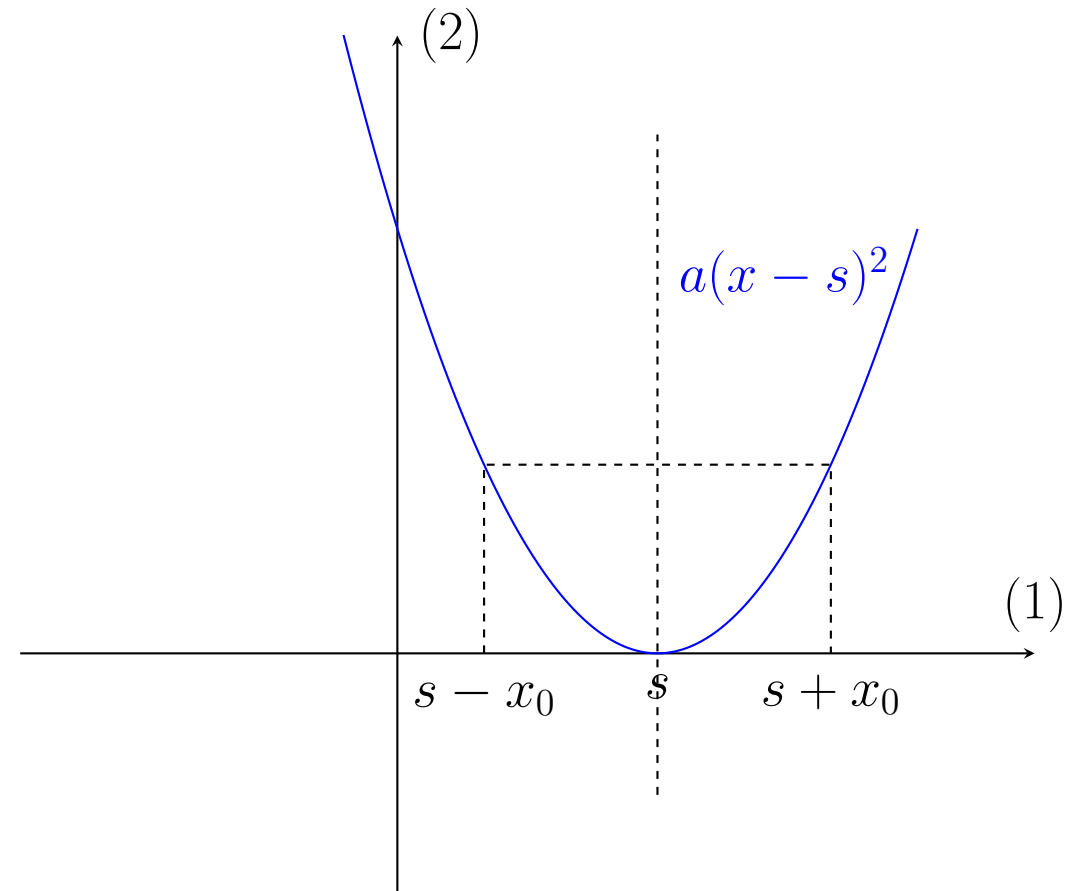
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