

사차방정식의 기본예제

(Basic Example of Quadratic Inequality)

Basic Example of Quadratic Inequality

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▶ End

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$$x^4 + 5x^2 < 6 - 5x + 5x^3$$

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$$x^4 + 5x^2 < 6 - 5x + 5x^3$$

$$x^4 - 5x^3 + 5x^2 + 5x - 6 < 0$$

▶ Start

▶ End

$$x^4 + 5x^2 < 6 - 5x + 5x^3$$

$$x^4 - 5x^3 + 5x^2 + 5x - 6 < 0$$

$$(x + 1)(x - 1)(x - 2)(x - 3) < 0$$

▶ Start

▶ End

$$x^4 + 5x^2 < 6 - 5x + 5x^3$$

$$x^4 - 5x^3 + 5x^2 + 5x - 6 < 0$$

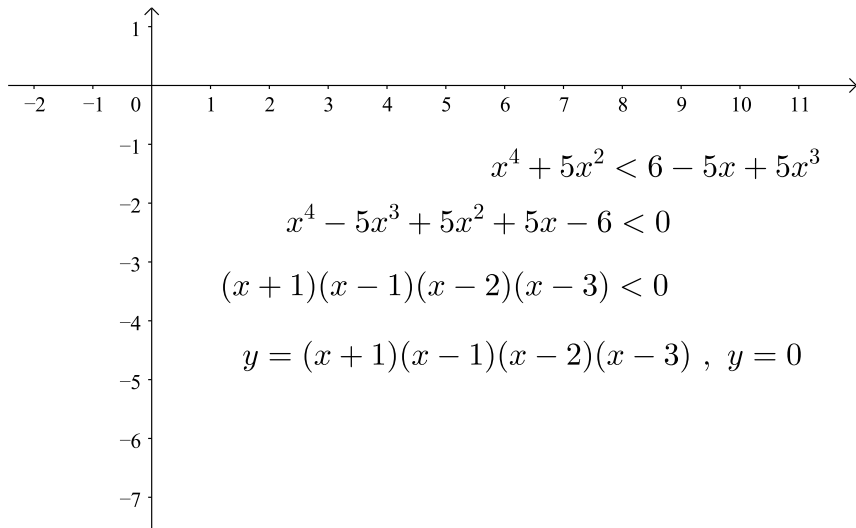
$$(x + 1)(x - 1)(x - 2)(x - 3) < 0$$

$$y = (x + 1)(x - 1)(x - 2)(x - 3) , y = 0$$

Basic Example of Quadratic Inequality

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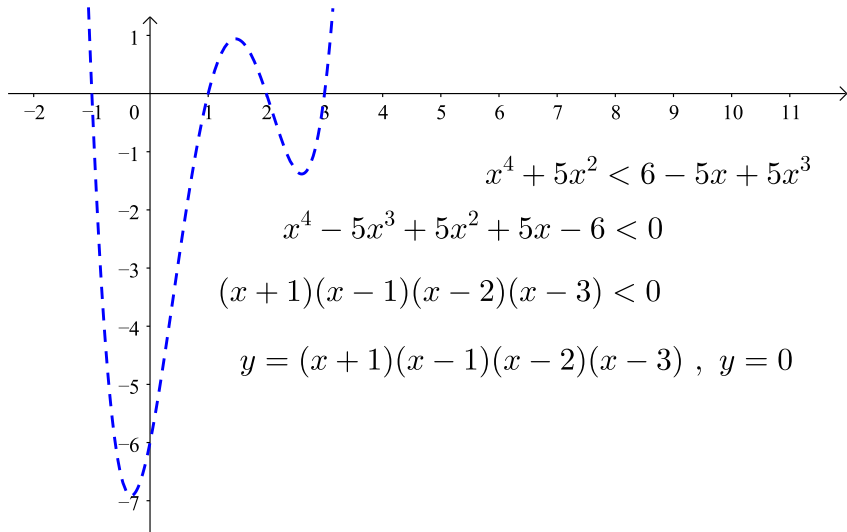
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Basic Example of Quadratic Inequality

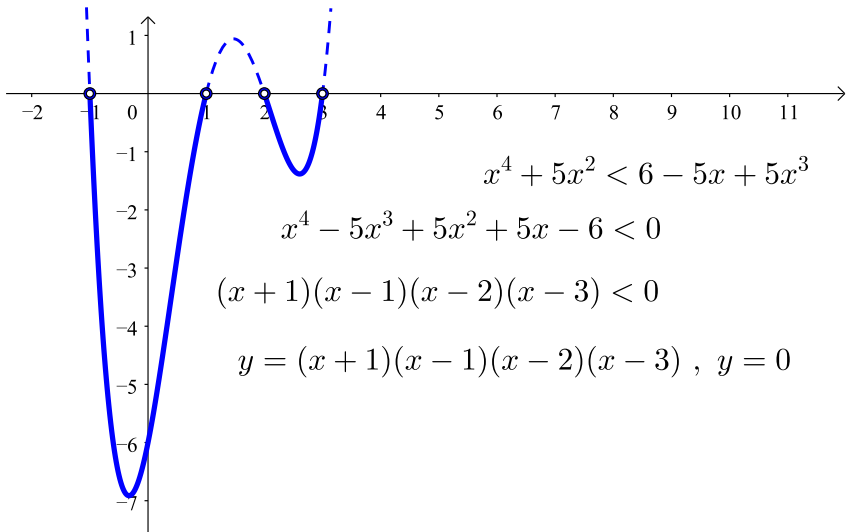
▶ Start

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Basic Example of Quadratic Inequality

► Start



$$x^4 + 5x^2 < 6 - 5x + 5x^3$$

$$x^4 - 5x^3 + 5x^2 + 5x - 6 < 0$$

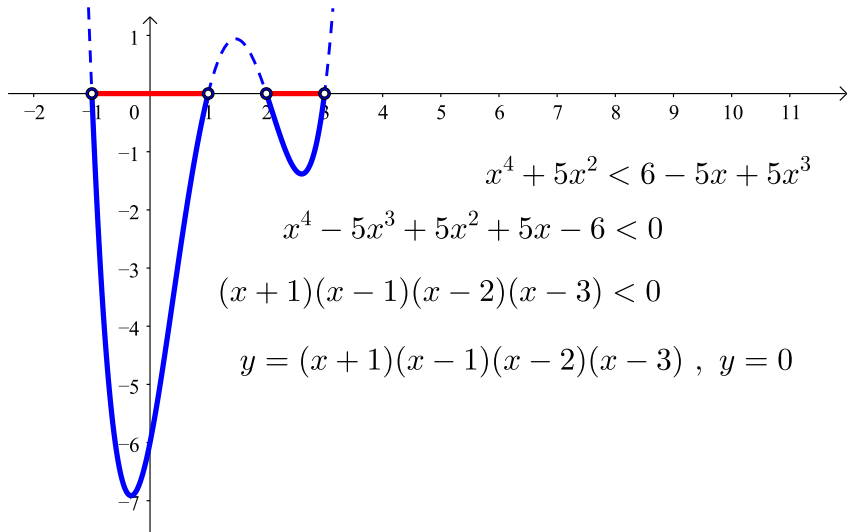
$$(x+1)(x-1)(x-2)(x-3) < 0$$

$$y = (x + 1)(x - 1)(x - 2)(x - 3) \text{ , } y = 0$$

Basic Example of Quadratic Inequality

▶ Start

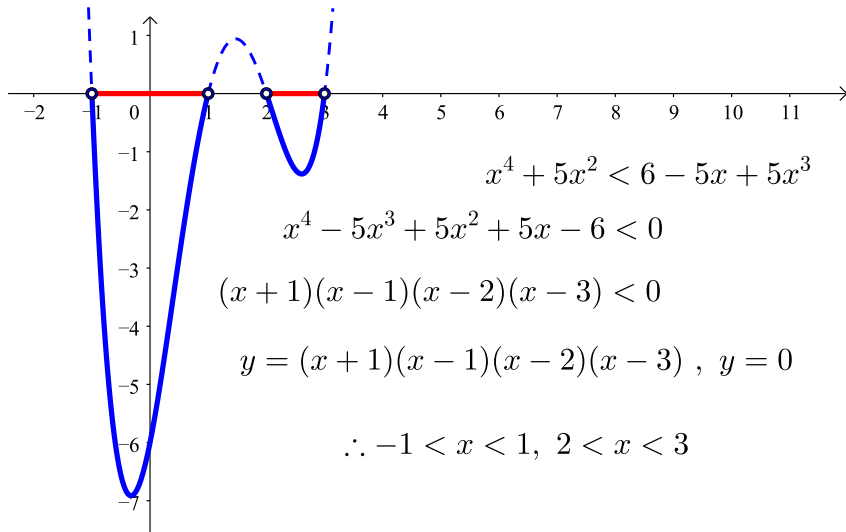
▶ End



Basic Example of Quadratic Inequality

▶ Start

▶ End



Github:

<https://min7014.github.io/math20210731001.html>

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