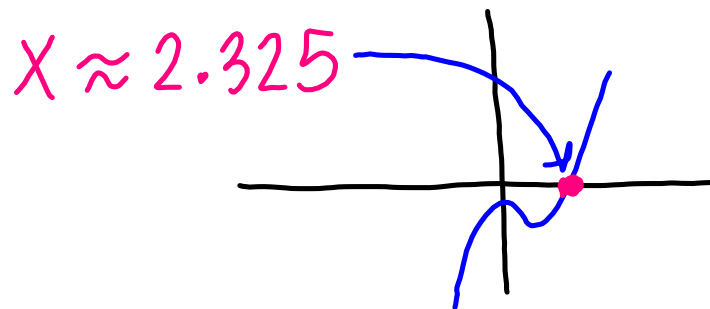


Chapter 7 Extension

Finding Zeros Using a Graphing Calculator

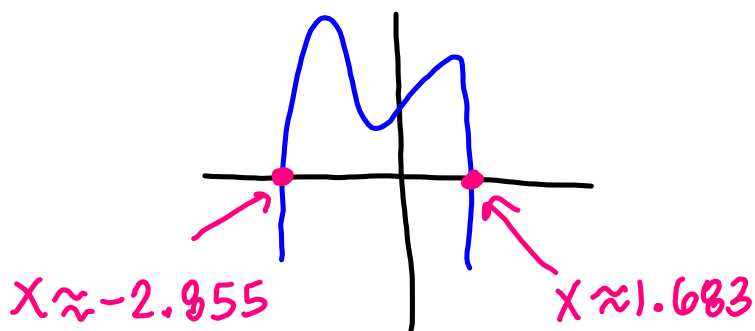
Example 1

Use a graphing calculator to find all real zeros of the polynomial $y = x^3 - 3x^2 + 2x - 1$. Round to the nearest thousandth as necessary.



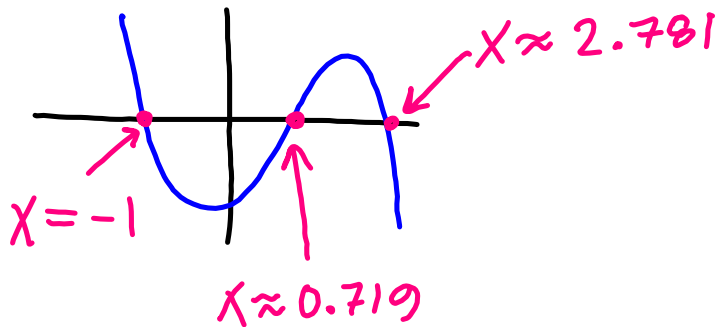
Example 2

Use a graphing calculator to find all real zeros of the polynomial $y = -x^4 - 2x^3 + 3x^2 + 3x + 4$. Round to the nearest thousandth as necessary.



Example 3

Use a graphing calculator to find all real zeros of the polynomial $y = -2x^3 + 5x^2 + 3x - 4$. Round to the nearest thousandth as necessary.



Example 4

Use a graphing calculator to find all real zeros of the polynomial $y = x^4 - 6x^2 + x + 2$. Round to the nearest thousandth as necessary.