My First Math Paper

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Abstract

This is a brief note to demonstrate the use of LaTeX for writing mathematics.

1 Introduction

We consider the equation

$$x^2 + bx + c = 0. \tag{1}$$

Our main result is the following:

Theorem 1. *The solutions of* (1) *are given by*

$$x = \frac{-b \pm \sqrt{b^2 - 4c}}{2}.$$

Proof. By completing the square. □