A very simple LaTeX

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1 Problem

Given 3 real numbers a, b, c, solve the equation:

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

2 Solution

1. $a = 0$

   - $b = 0, c \neq 0 \Rightarrow$ there is no solution for equation (1).

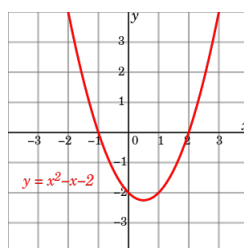2. $a \neq 0$. Let $\Delta = b^2 - 4ac$

3 Example

Figure 1

Figure 1: The caption is here

4 Examples

Table 1.

Table 1: My caption

a	b	c	x1	x2
1	-4	3	1	3
1	-2	1	1	1

5 Citations

Tiep Vu *et. al.* [1, 2]

References

[1] T. H. Vu, H. S. Mousavi, V. Monga, U. A. Rao, and G. Rao, "Dfdl: Discriminative feature-oriented dictionary learning for histopathological image classification," in *2015 IEEE 12th International Symposium on Biomedical Imaging (ISBI)*. IEEE, 2015, pp. 990–994.

[2] T. H. Vu, H. S. Mousavi, V. Monga, G. Rao, and U. A. Rao, "Histopathological image classification using discriminative feature-oriented dictionary learning," *IEEE transactions on medical imaging*, vol. 35, no. 3, pp. 738–751, 2016.