# I am changing the title

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#### Abstract

This is the abstract. Briefly describe the contents of this report. I am expanding the abstract.

## 1 Section 1

This is section 1. In this section we will include mathematical formulas.

$$E = mc^2 (1)$$

$$x = \frac{y}{z} \tag{2}$$

In (2) we give our first formula.

$$x = yz \tag{3}$$

$$t - gz (3)$$

$$t + t^2 + t^3 + \frac{t}{\sqrt{t}} = ur (4)$$

In (3) and (4)

Powers:

$$x^3, x^{y^z} \tag{5}$$

Roots

$$\sqrt{x}$$
 (6)

Fractions

$$\frac{x^2}{\sqrt{y}}\tag{7}$$

Integrals

$$\int_{x=0}^{x=5} d\mathbf{x} \tag{8}$$

 $\operatorname{Sums}$ 

$$\sum_{i=0}^{i=5} x_i \tag{9}$$

$$m\vec{a} = \vec{F} \tag{10}$$

Dots, derivatives

$$\ddot{x}$$
 (11)

vectors

$$A = \begin{bmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{bmatrix} \tag{12}$$

Tables

Table 1: This table presents the measurements results

Go to the next page

### Figures

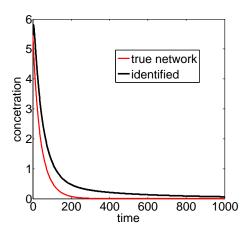


Figure 1: This figure shows a decaying function. Another caption

in Fig. 1 In the book of Einstein [1]

# References

[1] Albert Einstein. General Relativity; an Einstein Centenary Survey. CUP Archive, 1979.