LaTeX Author Guidelines for Project Report

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1. Layouts

This is math in the text $sin(\alpha)$

1. My first Item
   (a) Nested item
2. My second item

2. Problem 1

The complete strip is at most ϵ.
Probability that we miss a strip is $1 - \epsilon$.
Probability that N instances miss a strip is $(1 - \epsilon)^n$.
We know that $(1 - x) <= e^x$.

3. Problem 2

For a finite.

$$\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$$

$$\mathbb{E}[x] = \int_{x \in \mathcal{X}} xp(x)dx.$$

$$[Ax]_j = \sum_{i=1}^{n} a_{j,i}x_i$$

$$(1 - e)^n <= d$$

3.1. References

Example: [4]. Do PDFLATEX - Bibtex - PDFlatex - PDFlatex dance.

References

[1] A. Alpher. Frobnication. *Journal of Foo*, 12(1):234–778, 2002.

[2] A. Alpher and J. P. N. Fotheringham-Smythe. Frobnication revisited. *Journal of Foo*, 13(1):234–778, 2003.

Table 1. Results. Ours is better.

Method	Frobnability
Theirs	Frumpy
Yours	Frobbly
Ours	Makes one's heart Frob

[3] A. Alpher, J. P. N. Fotheringham-Smythe, and G. Gamow. Can a machine frobnicate? *Journal of Foo*, 14(1):234–778, 2004.

[4] Authors. The frobnicatable foo filter, 2011. Face and Gesture submission ID 324. Supplied as additional material fg324.pdf. 1

[5] J. Wang and J.-D. Zucker. Solving multiple-instance problem: A lazy learning approach. 2000.