This is the title

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Abstract

Keywords: keyword1, keyword2, keyword3

In this paper there are examples of all the useful things you can do with ETEX. This document includes settings and examples for using the following packages: amsthm, appendix, booktabs, cancel, ccicons, array, comment, empheq, endnotes, enumitem, float, graphicx, indentfirst, lastpage, lipsum, listings, makeidx, mathtools, multicol, multirow, palatino, paracol, setspace, standalone, tabularray, tabularx, verbatim. wrapfig, hyperref, geometry, xolor, tcolorbox, textpos, tikz, tkz-euclide, titlesec, eucal, mathdesign, inconsolata.

1 Introduction

This paper is a template for writing MEX papers for Brookline High School and other audiences.

In this paper there are examples of all the useful things you can do with ETEX. This document includes settings and examples for using the following packages: amsthm, appendix, array, booktabs,

cancel, ccicons, comment, empheg, endnotes, enumitem, float, graphicx, indentfirst, lastpage, lipsum, listings, makeidx, mathtools, multicol, multirow, palatino, paracol, setspace, standalone, tabularray, verbatim. tabularx, wrapfig, hyperref, geometry, xolor, tcolorbox, textpos, tikz, tkz-euclide, titlesec, eucal, mathdesign, inconsolata.

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^{*}The author wishes to thank poop.

[†]The authors also wish to thank their families.

1.1 The quick brown fox

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1.1 The quick brown fox

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2 This Section

In section 2 there are examples of the various types of lists¹:

Item 1 header This is item one...The quick brown fox jumps over the lazy dog.

Item 2 header This is item one...The quick brown fox jumps over the lazy dog.

Item 3 header This is item one...The quick

brown fox jumps over the lazy dog.

- 1) **Item 1 header** This is item one...The quick brown fox jumps over the lazy dog.
- 2) **Item 2 header** This is item two...The quick brown fox jumps over the lazy dog.
- 3) **Item 3 header** This is item three...The quick brown fox jumps over the lazy dog.
- ► Item 1 header This is item one...The quick brown fox jumps over the lazy dog.
- ► Item 2 header This is item two...The quick brown fox jumps over the lazy dog.
- ► Item 3 header This is item three...The quick brown fox jumps over the lazy dog.

3 The Other Section

In section 3 there are examples of mathematics:

$$y = mx + b Linear (3.1)$$

$$f(x) = \int_{-\infty}^{+\infty} e^{i\theta} d\theta \qquad \text{Integral} \quad (3.2)$$

$$z = 2^k - \binom{k}{1} 2^{k-1} + \binom{k}{2} 2^{k-2}$$
 Binomial (3.3)

4 The Code Section

```
# 34567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901
```

¹These correspond to the <dl>, , & HTML tags.

Listing 1: m4tacolor.py module

5 Conclusion

This last section provides a citation so that a bibliography is automatically included for (Bretscher, 2009) & (Eliot, 1871).

References

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