This is the title

Clarence T. Fishburn* Simitongue Institute

<clarence.fishburn@gmail.com>

David C. Petty[†]
MassBay Consulting LLC
<dcp@massbay.consulting>

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 a variety of audiences.

In this paper there are examples of all the useful things you can do with MTEX. 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.

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean

^{*}The author wishes to thank poop.

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

1.1 The quick brown fox

2

faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

1.1 The quick brown fox

The quick brown fox jumps over the lazy dog. Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

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

Bretscher, O. (2009). *Linear algebra with applications* (4th). Pearson Prentice Hall. http://isbn.nu/9780136009269

Eliot G. (1871). *Middlemarch*. Penguin Books. http://

Eliot, G. (1871). *Middlemarch*. Penguin Books. http://isbn.nu/9780141439549