

My T_EX Examples and Exercises

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1. Overview

This document shows examples of various tex features for my future reference.

2. Text Rotation & Table

Test
A
Is
This
There
Hello

Horizontal lists	Chapter 14	A	D
Vertical lists	Chapter 15	B	E
Math lists	Chapter 17	C	F

3. Paragraph Styles

This is a normal lorem ipsum style paragraph for typesetting in the near future but I don't think anyone really cares.

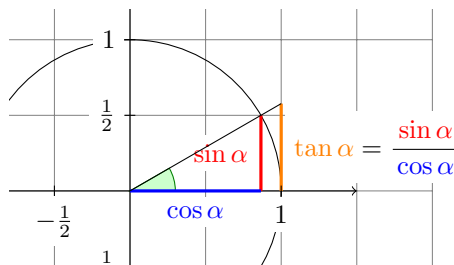
This is a normal lorem ipsum style paragraph for typesetting in the near future but I don't think anyone really cares.

This paragraph will have narrower lines than the surrounding paragraphs do, because it uses the “narrower” feature of plain T_EX. The former margins will be restored after this group ends.

This is a normal lorem ipsum style paragraph for typesetting in the near future but I don't think anyone really cares.

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4. Plotting Example



5. Text Circle

Adapted from T_EXbook.

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The area of a circle is a mean proportional between any two regular and similar polygons of which one circumscribes it and the other is isoperimetric with it. In addition, the area of the circle is less than that of any circumscribed polygon and greater than that of any isoperimetric polygon. And further, of these circumscribed polygons, the one that has the greater number of sides has a smaller area than the one that has a lesser number; but, on the other hand, the isoperimetric polygon that has the greater number of sides is the larger.
[Galileo, 1638]

6. Proclaim and More

Theorem 1. *T_EX has a powerful macro capability.*

7. Two Columns

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8. Bibliography

- [1] D. E. Knuth and M. F. Plass, “Breaking paragraphs into lines,” *Softw. pract. exp.* **11** (1981), 1119–1184.