

My Example Manuscript is Great

Abstract

This is an example manuscript. It showcases a few common latex features so that I can show how latexdiff and the powershell scripts interact with them.

Keywords: a, b, c, d, e

1. Introduction

This is an example manuscript.

The structure of this article is as follows: Section 2 showcases the use of SSSSR sections. Section 3 shows how to display many different types of content.

2. Displaying Sections

This section has many subsections, which I can refer to by their labels. e.g. Section 2, Section 2.1, and Section 2.2.

Labeling sections is optional. Labels may be anything, but must be unique (hence my naming convention).

2.1. My Subsection

Example text.

2.2. My Other Subsection

Example text.

3. Displaying Different Types of Content

3.1. Citations

A citation looks like this [1].

This is a citation [2], and this is another [1, 2, 3, 4].

3.2. Lists

An example list is as follows:

1. This is a list
2. This is a list
3. This is a list

Abbreviations: section (sec), sub-section (ssec)

3.3. Figures

This is a figure reference: Fig. 1, and this is another Fig. 2.

If you have mathematical symbols in your figures and you're using inkscape, you can input latex maths into the figure with: Extensions > Render > Formula (pdflatex).

3.4. Equations

This is an equation reference: (1).

$$a = 2 \tag{1}$$

where a is a variable.

3.5. Tables

This is a table reference: Table 1.

This is a fairly basic table. See threeparttable if you want table notes (footnotes for tables).

Measurement	Unit	Measurement error	
		Mean	Standard deviation
x_n	mm	3.5	7.2
y_n	mm	5.1	3.0
z_n	mm	-6.5	9.1
θ_q	degrees	1.6°	2.9°

Table 1: Average measurement error over all 200 measurements. (x_n, y_n, z_n) are defined somewhere else. θ_q is the rotational misalignment as a quaternion angular distance.

4. Conclusions and Future Work

Thus ends the example manuscript.

Recommend future work is to add the function of the powershell scripts into latexdiff itself.

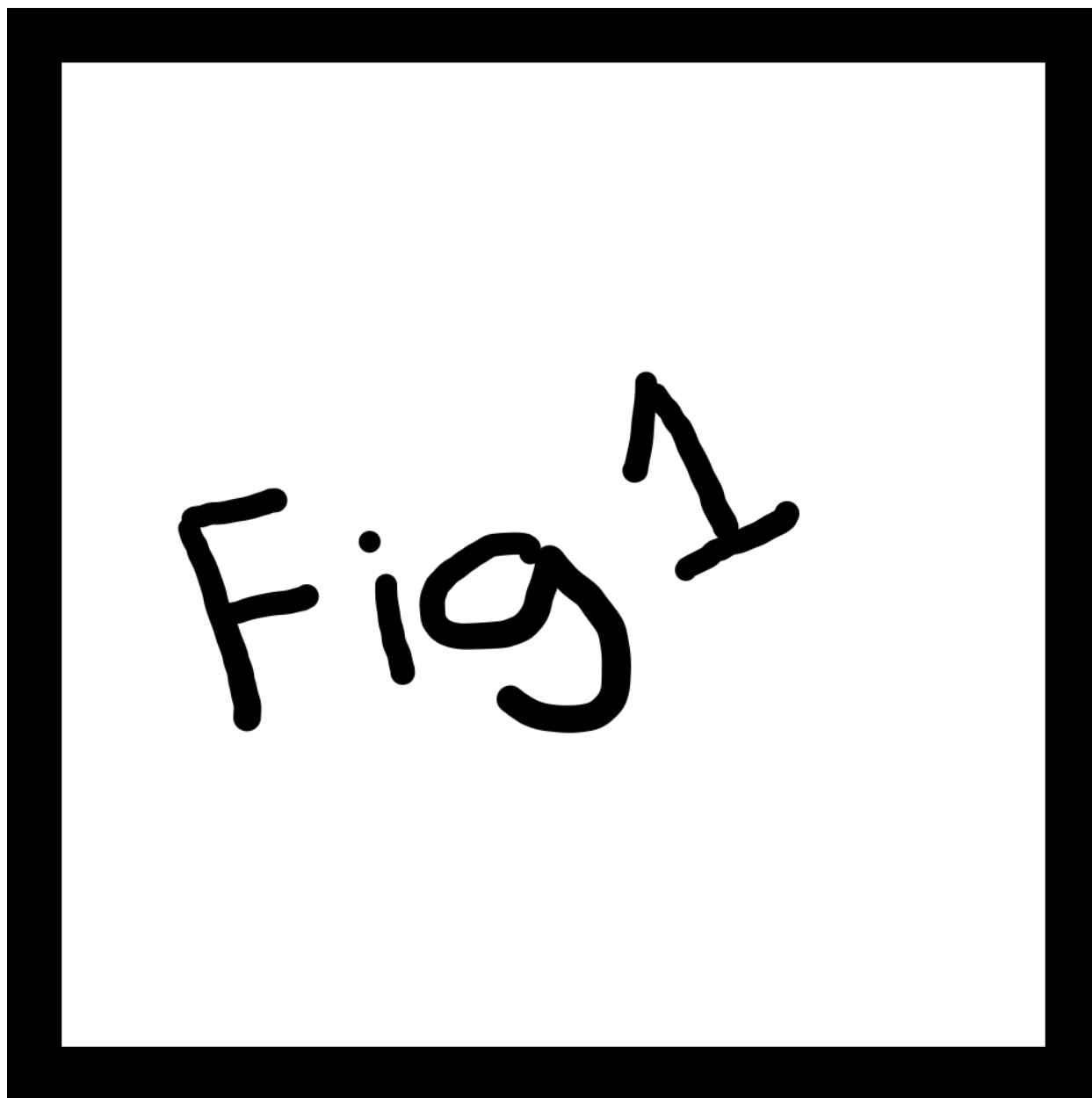


Figure 1: Embed your graphics as pdf. Lovely vector graphics! If I see any jpeg text I am sad.

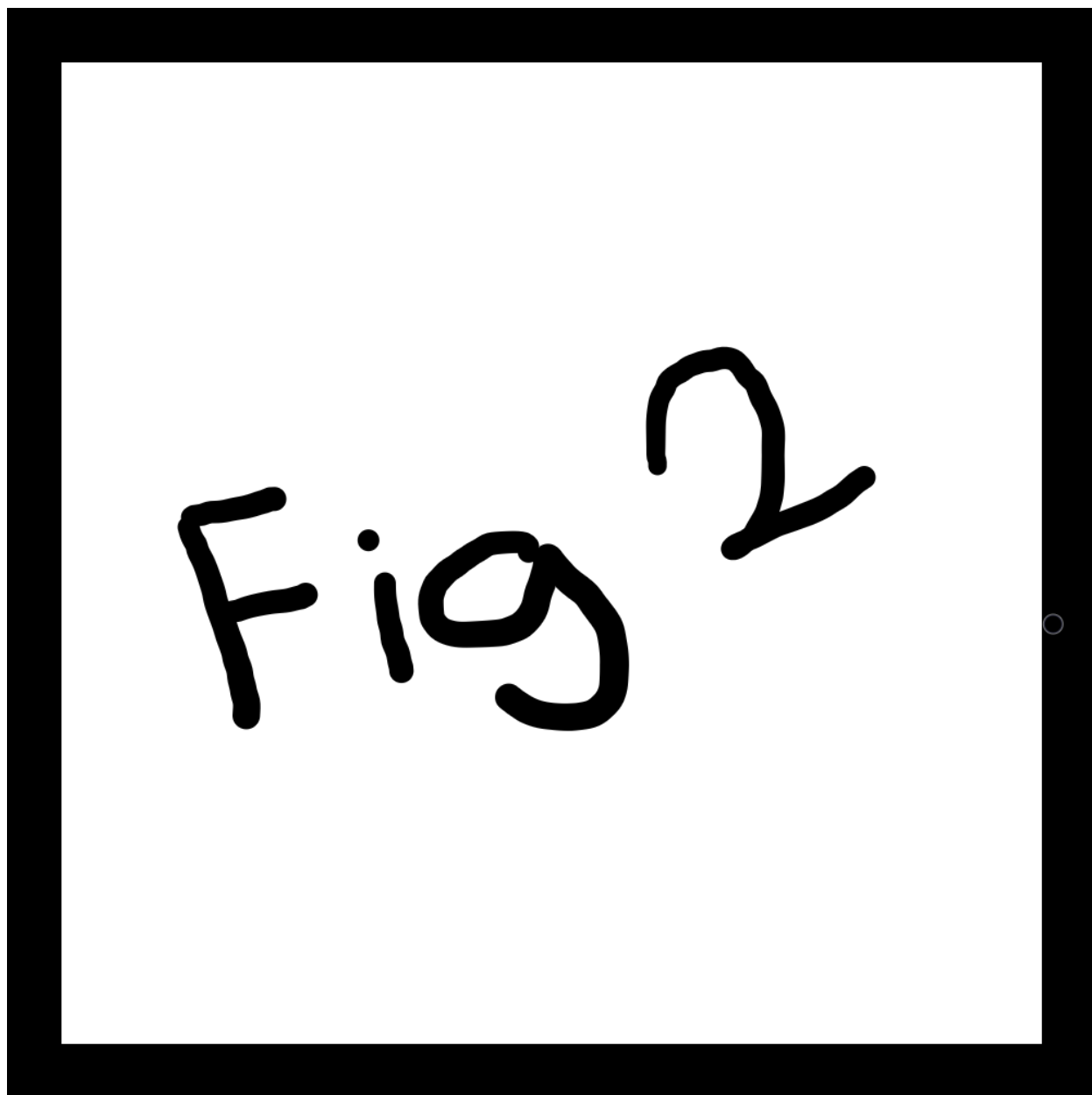


Figure 2: This is a caption.

References

- [1] K. He, B. Johns, E. Abdi, M. Arashpour, [Camera view from crane payload: Video stabilization](#), in: Australasian Conference on Robotics and Automation, ACRA, 2021.
URL https://ssl.linklings.net/conferences/acra/acra2021_proceedings/views/includes/files/pap104s2-file1.pdf
- [2] B. Johns, M. Arashpour, E. Abdi, Curtain wall installation for high-rise buildings: Critical review of current automation solutions and opportunities, in: Proceedings of the 37th International Symposium on Automation and Robotics in Construction (ISARC), 2020, pp. 393–400. [doi:10.22260/ISARC2020/0056](#).
- [3] B. Johns, E. Abdi, M. Arashpour, Dynamical modelling of boom tower crane rigging systems: model selection for construction, Archives of Civil and Mechanical Engineering 23 (3) (2023) 162. [doi:10.1007/s43452-023-00702-x](#).
- [4] B. Johns, E. Abdi, M. Arashpour, Crane payload localisation for curtain wall installation: A markerless computer vision approach, Measurement (2023) 113459(In press). [doi:10.1016/j.measurement.2023.113459](#).