

Quarto Document

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1 Textures

- Smooth
- Bumpy
- Fuzzy

2 Very long jibberish

This is useless better look at [Section 3](#), [Section 5](#)

löshdgöoaljsädpgj asdk gäaöjsd göasdjäöljkgäö sldjä göjägö sjdäg öaSDJÄ GFAJHPD FÜSD-FKIHÄJÖLIJKS LÖÄJLSÖLGJKÄADDSFGOJA S'KA'ÄÖLSDKÖGAJK ASWODJG LKIJAS DGKÖJ AÖSKJDG ÖLAKJREW NHJAÄLKSDLKFJGAÖSLKD GÄOAS DG POIÖSAJ DLÖGJ AÖIS GASKÖL DGIKH AWLUIEGR UWQEzpi uqwütoöä gky-fsx.gn a.j,sdh fa.kjg swioweu fasökj kgö-j asödgkj aäösokreh tauwel fgäaösdlkj g-lajshrdt-öol-aksgälkhvseldkjgthjpyfga hnldj rf awsdjhf aksdi fyöosu floksdgoa poeshf öalwksjgälajhs dfj aäsdk jfgash yfxöajk ykföajshd göösadk gd

asjdhg ölkasjd fg asfdg sadok a#äölskd fgaläsk dglö aäksd gfäpasj dgälö jasäöd lgäöas dgäöka
sdäölkg äöasjd gäöaj sdäöljäösad gfyööäl#salk gäöla ksd#öälk sd#aöksd#ägkl #sdöl #aös dgköj
asäöldkglkdägösulkv asd jhfg kjsad göh äösdag

3 Formulas

Vector math is easy as can be seen in (1) and (2).

- Inline: $\vec{x} = \mathbf{A}\vec{y}$ with $\vec{x}, \vec{y} \in \mathbb{R}^2$

Not cross referenced equation:

$$1 + 1 = 2$$

Cross referenced Equation:

$$\vec{x} = \mathbf{A}\vec{y}, \quad \text{with } \vec{x}, \vec{y} \in \mathbb{R}^2 \tag{1}$$

Cross referenced aligned Math:

$$\begin{aligned} x_1 &= a_{11}y_1 + a_{12}y_2 \\ x_2 &= a_{21}y_1 + a_{22}y_2 + 0 \end{aligned} \tag{2}$$

4 Citation

Some people write funny papers [lund2020makingraingivingtelescope]. This I find very funny.

5 Code

This is some sample code from medieval times that tells us what the Plague doctor will do with our scratched leg:

```
# automatic Procedure to evaluate Plague doctor's decisions:
import numpy as np
r = np.random.rand(1)[0]

if r > 0.5:
    print("amputate")
else:
    print("amputate with a rock")
```

amputate with a rock

And here we hide code and only show the result as Figure 1:

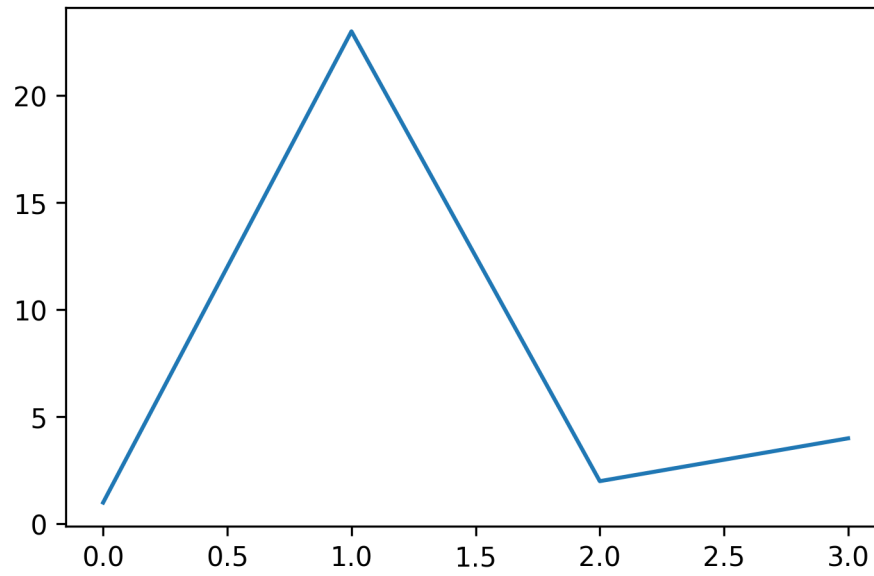


Figure 1: Simple Plot

And finally Listing 1, a code snippet with no output:

Listing 1 sad Code

```
print("Let me please Say something I'm a lonely Computer")
```

6 Code output tables

In Table 1 you can see the Markdown way of code generated tables.

Table 1: Some table for testing

Astronomical object	R_{EU} (km)	mass (kg)
Sun	696,000	1.989e+30
Earth	6,371	5.972e+24
Moon	1,737	7.34e+22
Mars	3,390	6.39e+23

In Table 2 you can see the pandas LaTeX tables.

Table 2: Some LaTeX table for testing

	α	comment
0	1.000	integer
1	2.300	float
2	0.333	irrational