

Markdown to Jupyter notebook example

Here is a SugarTeX example with eq. 1 and fig. 1.

See [PDF of this source](#) if you do not have [excellent Unicode support](#).

$$\begin{aligned} \nabla \times \mathbf{B} - \frac{1}{c} \frac{\partial \mathbf{E}}{\partial t} &= \frac{4\pi}{c} \mathbf{j} \\ \nabla \cdot \mathbf{E} &= 4\pi \rho \\ \nabla \times \mathbf{E} + \frac{1}{c} \frac{\partial \mathbf{B}}{\partial t} &= \mathbf{0} \\ \nabla \cdot \mathbf{B} &= 0 \end{aligned}$$

where $(\mathbf{B}, \mathbf{E}, \mathbf{j}): \mathbb{R}^4 \rightarrow \mathbb{R}^3$ – vector functions of the form $((t, x, y, z) \mapsto \mathbf{f}(t, x, y, z), \mathbf{f} = (f_{\mathrm{x}}, f_{\mathrm{y}}, f_{\mathrm{z}}))$.

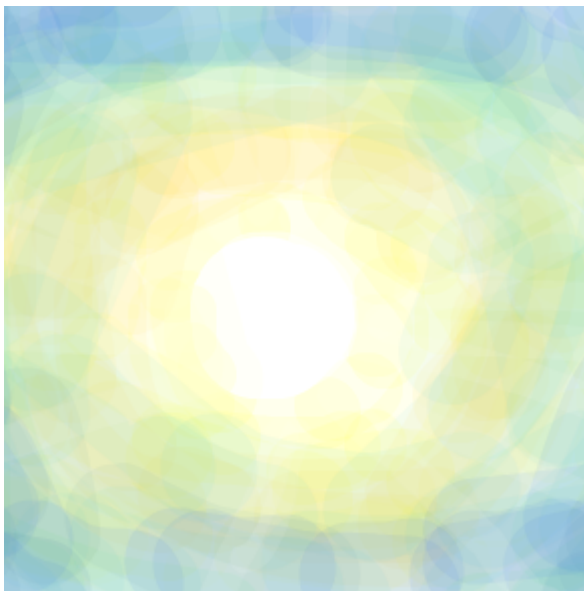


Figure 1: Sample image with cross-references.

In this version of Pandoc image caption fig. 1 works.

```
from IPython.display import Markdown
import pandas as pd
```

```
import numpy as np
import tabulatehelper as th

df = pd.DataFrame(np.random.random(16).reshape(4, 4))

Markdown(f'''
{th.md_table(df)}
: Table {{#tbl:table1}}
''')
```

Table 1: Table

0	1	2	3
0.533281	0.235482	0.00832564	0.555835
0.830357	0.656412	0.959876	0.860969
0.737464	0.541932	0.797545	0.546274
0.932706	0.15655	0.76587	0.301087

Text and tbl. 1

```
import pandas as pd
import numpy as np

df = pd.DataFrame(np.random.random(16).reshape(4, 4))
df
```

Title

Text and tbl. 2

Table 2: Table

a	b	c	d
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a	b	c	d
1	2	3	4

```
print('Hello!')
```