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](#).

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

where $B, E, j : R^4 \to R^3$ – vector functions of the form $(t, x, y, z) \mapsto f(t, x, y, z),\ f = (f_x, f_y, f_z)$.
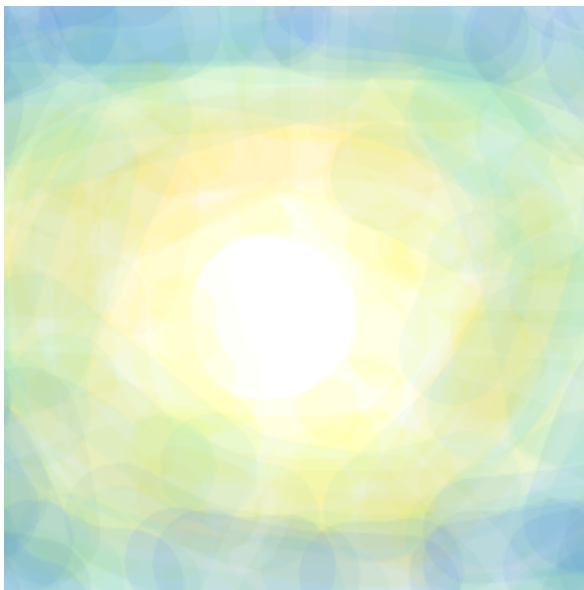

Figure 1: Sample image with cross-references.

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
0.95795	0.392092	0.252044	0.461905
0.0137792	0.100195	0.483127	0.914163
0.314078	0.985689	0.14374	0.432348
0.840484	0.605611	0.963999	0.0163415

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
1	2	3	4

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