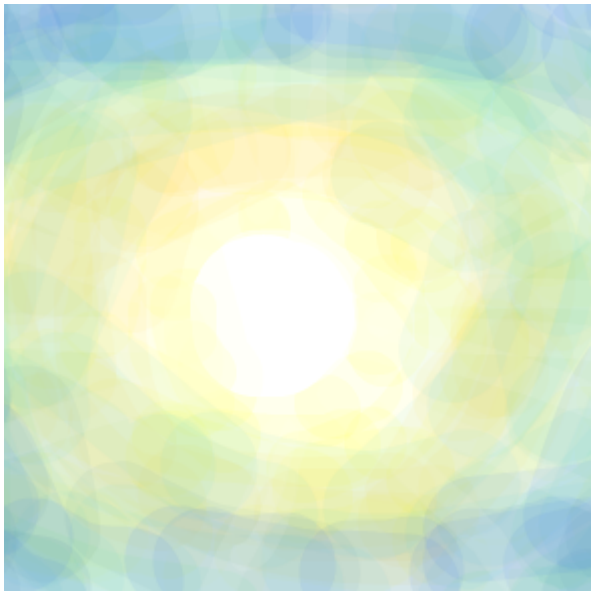
Markdown to Jupyter notebook example

Here is a SugarTeX example with eq. 1 and fig. **¿fig:img?**. See PDF of this source if you do not have excellent Unicode support.

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

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



In this version of Pandoc image caption fig. **¿fig:img?** 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}}
''')
```

Text and tbl. **¿tbl:table1?**

```
import pandas as pd
import numpy as np
df = pd.DataFrame(np.random.random(16).reshape(4, 4))
df
```

```
# R cell:
x <- c(10, 20)
x[1]
```

```
# Just testing that this markdown bit works:
# $$
# \int_a^b \text{sin}(\theta) \text{cos}(\theta) d\theta
# $$
```

Header

```r
x <- c(10, 20)
x[1]
```

```python
import math
Markdown(f'''
Markdown text with SugarTeX formula: $a^{math.pi:1.3f}$.
It works because of the Markdown display option and
SugarTeX Pandoc filter.
''')
```

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