Title

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1. Introduction

Introduction here. For manual references, cite them like [1] or [2]. Can reference equations like Equation 1 below.

2. Mathematical Content

Here's an example of inline math: $\alpha + \beta = \gamma$. And here's a display equation:

$$\nabla \cdot \boldsymbol{E} = \frac{\rho}{\varepsilon_0} \tag{1}$$

2.1. Subsection Example

You can create subsections as needed. Here's another equation:

$$\int_0^\infty e^{-x^2}\,\mathrm{d}x = \frac{\sqrt{\pi}}{2} \tag{2}$$

2.2. Theorems

> Theorem (Pythagorean) . For a right triangle with legs a and b and hypotenuse c:
>
> $$a^2 + b^2 = c^2 \tag{3}$$

3. Tables and Figures

Column 1	Column 2	Column 3
Data 1	Data 2	Data 3
Data 4	Data 5	Data 6

Table 1: Example table

Refer to tables like this: See Table 1 for details.

4. Code Examples

```
def example_function(x):
    """Example code block"""
    return x**2 + 2*x + 1
```

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5. Conclusion

Your conclusions here.

6. References

[1] Daubechies, I.. “Ten Lectures on Wavelets”. SIAM, 1992.

[2] Mallat, S.. “A Wavelet Tour of Signal Processing”. Academic Press, 2008.