

this document was compiled using LuaLaTeX.

1 this is what a section title looks like

1.1 and this is a subsection!

1.1.1 yes, we can go deeper

This is what some plain text looks like.

2 how about some math typesetting?

$$\nabla \times \mathbf{E} = -\frac{\partial \mathbf{B}}{\partial t} \qquad \text{DET} \left(\begin{bmatrix} a & b \\ c & d \end{bmatrix} \right) = ad - bc \qquad \Gamma(z) = \int_0^\infty t^{z-1} \cdot \text{EXP}(-t) \, dt$$

3 here's some typeset code

```
1 def fibonacci(x):
2     if x < 2:
3         return x
4     return fibonacci(x - 2) + fibonacci(x - 1)
5
6 if __name__ == "__main__":
7     print(fibonacci(25))
```