Some Course on Something

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1 Tests

This is a test. And this is a reference to some code: Listing 1.

```python
import numpy as np
import numpy.typing as npt


# Axes
X_, Y_, Z_ = np.ones(3)

# NumPy types
NDArrayFloat = npt.NDArray[np.float_]


# Functions
def normalize(vec: NDArrayFloat) -> NDArrayFloat:
    L: float = np.linalg.norm(vec)
    assert L != 0., "Can't normalize the zero vector."
    return vec / L


def scale(vec: NDArrayFloat, a: float) -> NDArrayFloat:
    return normalize(vec) * a
```

Listing 1: I am some code.

And this is a TikZ drawing: Figure 1.

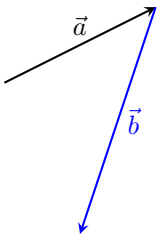

Figure 1: A figure.