signals-and-systems-web

Norah Jones

2025-10-26

目录

Preface **1**

第一章 导言 **3**

第二章 Summary **7**

References **9**

Preface

This is a Quarto book.

To learn more about Quarto books visit https://quarto.org/docs/books.

第 1 章
导言

This is a book created from markdown and executable code.

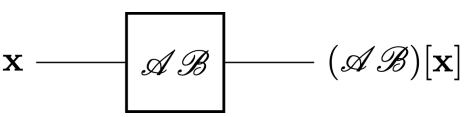

图 1.1: Compound Transformations

中文输出测试。

```
import numpy as np
import matplotlib.pyplot as plt

# Create 100 scaled versions of [1, 2]^T
scales = np.linspace(-4, 4, 100)
v1 = np.array([1, 2])
points = np.outer(scales, v1)  # shape (100, 2)

# Extract x and y coordinates
```

```
x = points[:, 0]
y = points[:, 1]

# Plot
fig, ax = plt.subplots(figsize=(8, 6))
ax.scatter(x, y, color='steelblue')
ax.axhline(0, color='gray', lw=1)
ax.axvline(0, color='gray', lw=1)
ax.set_xlabel("x", fontsize=16)
ax.set_ylabel("y", fontsize=16)
plt.show()
```

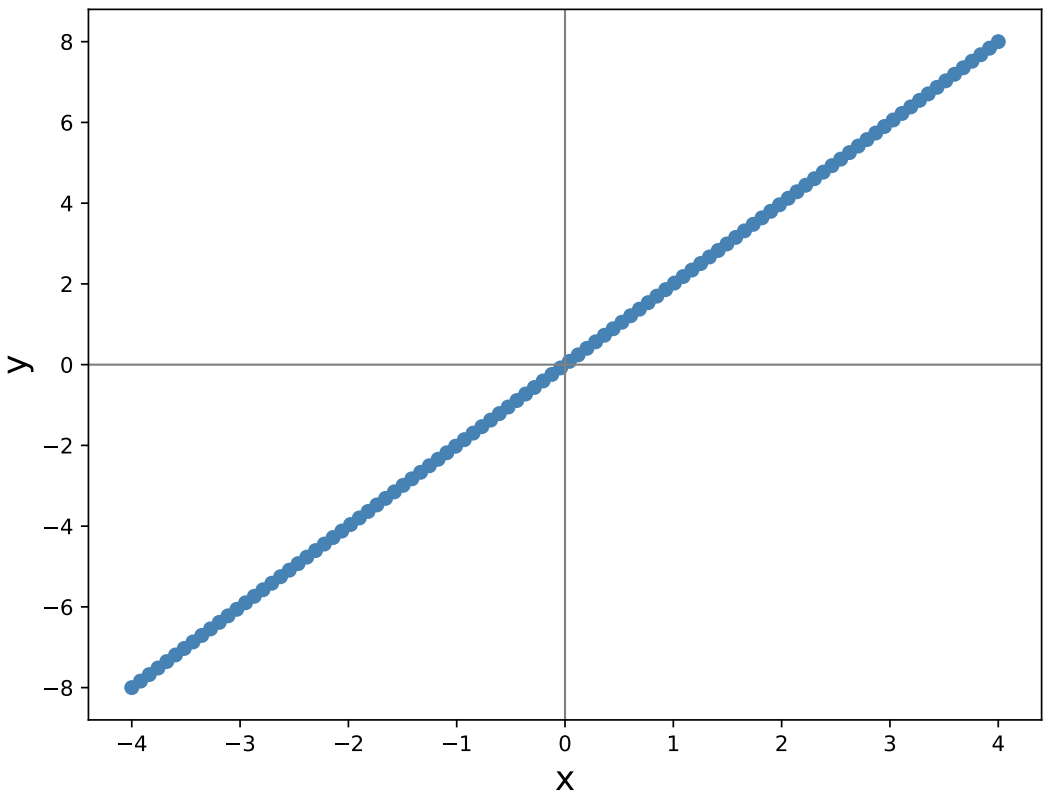

图 1.2: Scaled versions of $[1, 2]^{\mathrm{T}}$.

See Knuth (1984) for additional discussion of literate programming.

第 2 章

Summary

In summary, this book has no content whatsoever.

References

Knuth, Donald E. 1984. «Literate Programming» . *Comput. J.* 27 (2): 97–111. https://doi.org/10.1093/comjnl/27.2.97.