# Metropolis Theme Demo

## A modern Beamer theme

Your Name

Your Institution

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# Introduction

# The Metropolis Theme

The **METROPOLIS** theme provides a clean, modern look for presentations.

Enable it with:

```
\documentclass{beamer}
\usetheme{metropolis}
```

The theme features:

- Minimal visual noise
- Progress bar in frame titles
- Clean typography

# Elements

# Typography

The theme provides sensible defaults:

- Regular text for normal content
- *Emphasized* text for stress
- Alerted text for important points
- **Bold** for strong emphasis

# Lists in Columns

**Bullet Points**

- Stocks
- Bonds
- Real Estate

**Numbered**

1. Identify risk
2. Measure exposure
3. Hedge position

# Tables

**Table 1:** Asset Class Returns

| Asset | Return | Volatility |
|---|---|---|
| Equities | 10.5% | 18.2% |
| Bonds | 4.2% | 5.1% |
| Commodities | 6.8% | 22.4% |

# Blocks

Three block styles are available:

**Default Block**
Standard information.

**Alert Block**
Important warning.

**Example Block**
Illustrative content.

**Filled Block**

With background.

# Mathematics

# Mathematical Content

The CAPM equation:

$$E[R_i] = R_f + \beta_i(E[R_m] - R_f)$$

Black-Scholes option pricing:

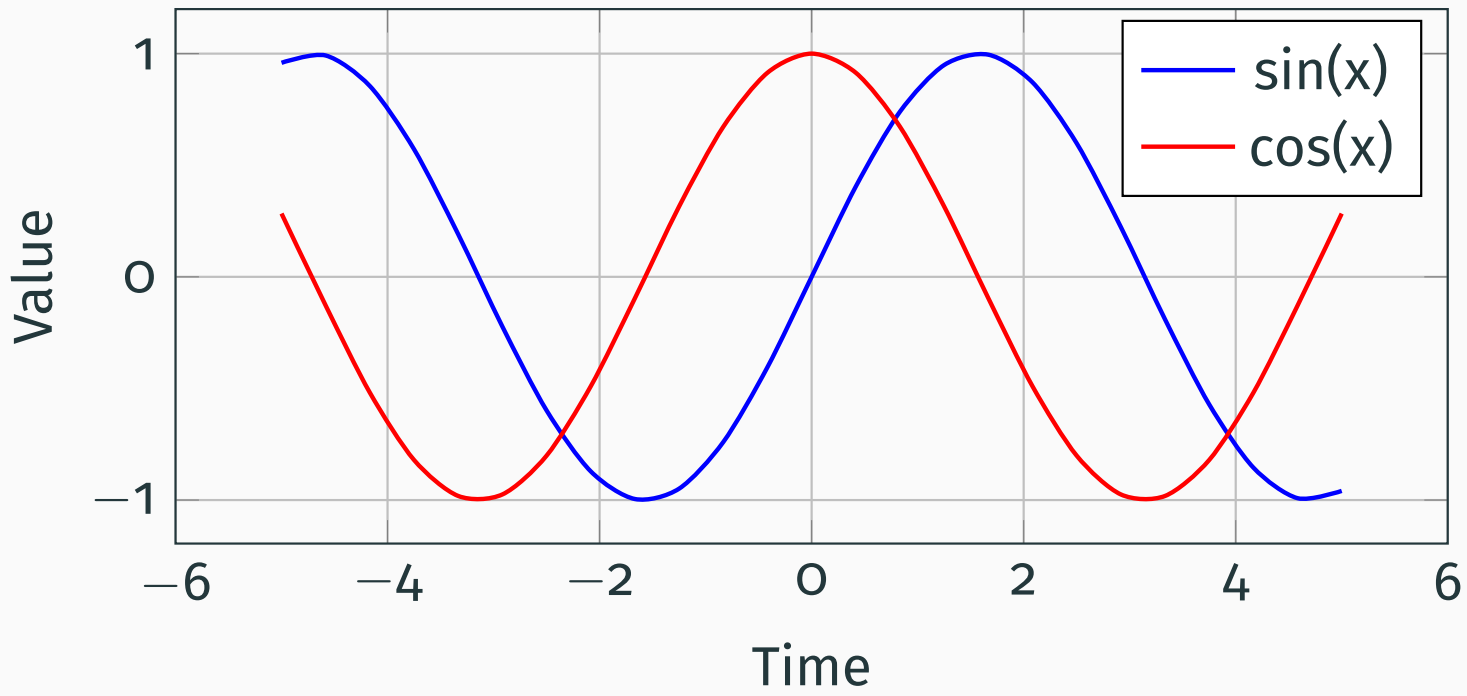
$$C = S_0 N(d_1) - Ke^{-rT} N(d_2)$$

where:

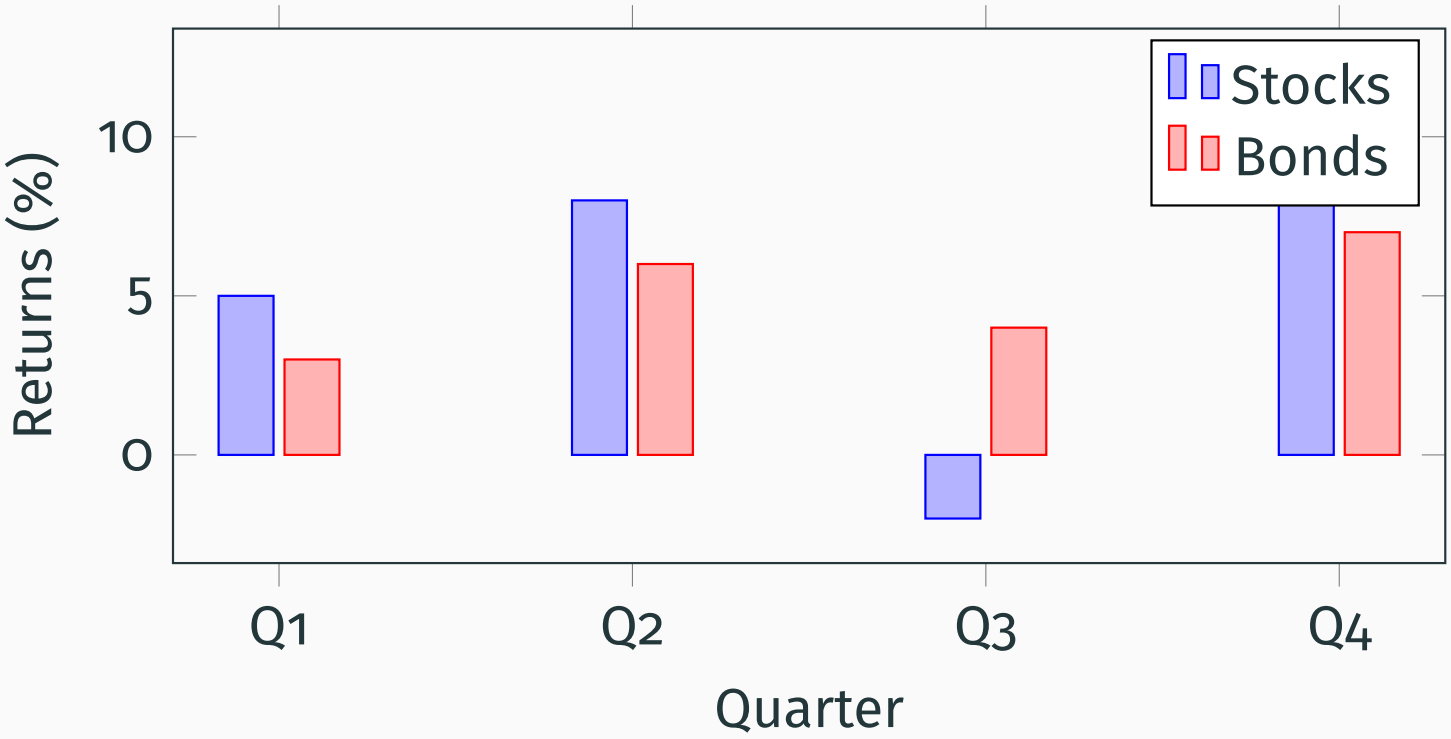
$$d_1 = \frac{\ln(S_0/K) + (r + \sigma^2/2)T}{\sigma\sqrt{T}}$$

# Graphics

# Line Plots with PGFPlots



# Bar Charts



# Conclusion

# Summary

The Metropolis theme provides:

- Clean, professional aesthetics
- Progress indicators
- Flexible block styles
- Full mathematical support
- Integrated plotting

Get it at: `github.com/matze/mtheme`

# Questions?

# Backup Slides

The `\appendix` command starts backup slides.

With `appendixnumberbeamer`, these slides don't count toward the total slide count.

Use backup slides for:

- Additional details
- Anticipated questions
- Extended derivations

# References i