Beamer Template

A Demo

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Wo do math in beamer. Here are some examples:

- Inline math: $a^2 + b^2 = c^2$.
- Display math:

$$\int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi}. \tag{1}$$

- Align environment:

$$\begin{aligned} a &= b + c && (2)\\ &= d + e. && (3) \end{aligned}$$

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This is a demonstration of various environments. The first is `itemize`:

- Item 1
- Item 2
- etc.

Usually I'll use `enumerate` as well:

1. Item 1
2. Item 2
3. etc.

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Definition, Examples, etc.

All the common environments are available, e.g.,

- *Theorem*-related: `lemma`, `theorem`, `corollary`.
- *Common* environments: `definition`, `example`, `problem`.
- *Others*: `prev`, `observe`, `assumption`, `remark`, `intuition`.

I'll just show you two examples:

Example (A demonstration)

This is an `example` environment.

As previously seen

This is a `prev` environment.

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Citation

We can cite papers using `biblatex`.

- This is a citation [SD25].
- This is another citation [JM24; Lee23].
- This is a link https://www.google.com.

References

[JM24] Alex Johnson and Susan Martin. "Innovative Approaches in Randomized Algorithms". In: *Proceedings of the 30th International Conference on Randomness*. International Randomness Conference. 2024, pp. 15–23.

[Lee23] David Lee. *Computational Perspectives on Randomness*. New York: Academic Press, 2023.

[SD25] John Smith and Jane Doe. "An Example of Random BibTeX Entry Generation". In: *Journal of Random Studies* 42.3 (2025), pp. 123–145.