CUHK Beamer Template

Sample Slides

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Outline

Itemize Tests

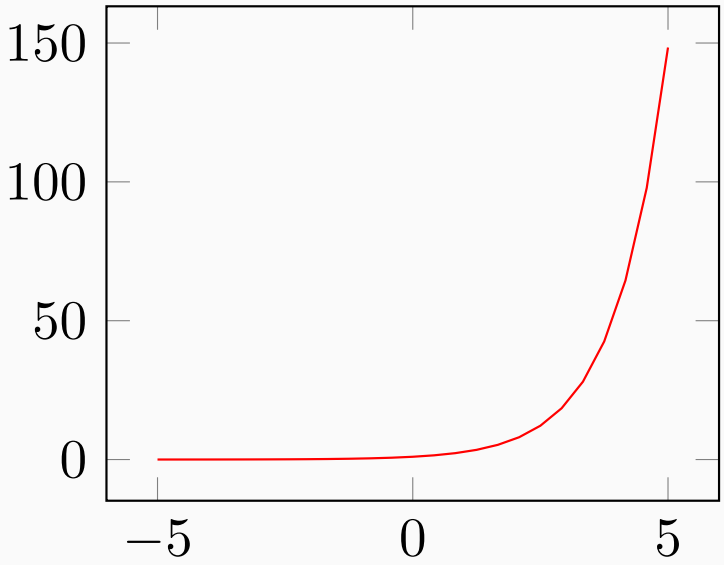
- One: *Two* **Three**
  1. l e t t e r s p a c i n g
  2. underlining
  3. ~~striking out~~
  4. highlighting
  5. CAPITALS, Small Capitals
- Test Test Test

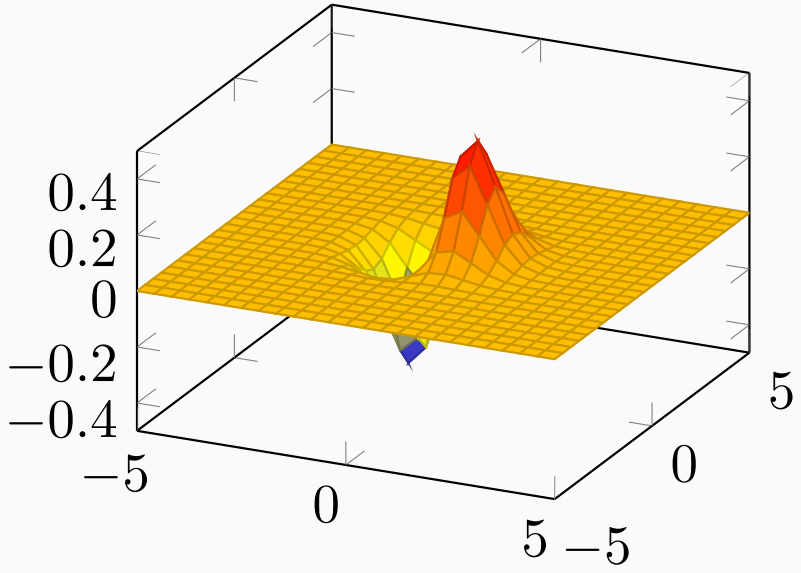
Multi-Columns

All human things are subject to decay. And when fate summons, Monarchs must obey.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there...

Plot Test





中文测试中文測試

- 这是简体中文這是繁體中文: **加粗** + 下划线下劃線 + 斜体斜體
  - 这是第二层
  - 這是第二層

Citation Tests

- Yao's Millionaires' problem[1]

[1] Yao, "Protocols for Secure Computations".

Algorithm Test

Algorithm 1: Basic algorithm for Abstract Interpretation

Input: Control Flow Graph: *CFG*
Output: Invariant: *State*

initialization:
  $State[n] \leftarrow \top$ if $n = \texttt{Entry}(CFG)$;
  $State[n] \leftarrow \bot$ otherwise;
$WorkList \leftarrow \texttt{Entry}(CFG)$;
while *WorkList is not empty* **do**
    $WorkList \leftarrow WorkList \backslash \{n\}$;
    $new\_state \leftarrow \texttt{Transfer}(State[n])$;
    foreach $succ \in \texttt{Successors}(CFG, n)$ **do**
        if $new\_state \not\sqsubseteq State[succ]$ **then**
            $State[succ] \leftarrow State[succ] \sqcup new\_state$;
            $WorkList \leftarrow WorkList \cup \{succ\}$;
        end
    end
end

Code Test

```rust
fn main() {
    println!("Hello World!");
}
```

- Inline code is also supported: `fn main() { }`

Theorem/Lemma/Proof

Theorem 1: Pythagorean Theorem

For a right triangle with legs a and b and hypotenuse c,

$$a^2 + b^2 = c^2.$$

This is a reference to Theorem 1.

Lemma
$x + y = y + x$

Proof.
$\omega + \phi = \epsilon$

□

Thank you!

References

Yao, Andrew C. “Protocols for Secure Computations”. In: *Proceedings of the 23rd Annual Symposium on Foundations of Computer Science*. SFCS ’82. USA: IEEE Computer Society, 1982, pp. 160–164.