LaTeX Slide Theme

a simple and clean template

Presenter Name

Complete Institute Name

October 15, 2025

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Motivation
subtitle

This is the first highlighted keyword to emphasize an important concept.

The second point addresses another key idea in Knuth 1984.

Objectives Scope

Sample Block Title

This block presents a key concept that is crucial for understanding the topic.

Sample Alert Block Title

This block presents a more alarming key concept that is crucial for understanding the topic.

Actors & Features

Actors:

Features:

Contributions

Scientific Contribution

Real-world Contribution

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Advancements

Research gaps

Research gap

⇒ **Concluding statement.**

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Overview

Figure. The caption of the figure.

Sample Process

Algorithm Pseudocode

Goal:

Result:

Step:

Scope:

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Prototyping

GitHub repository:
Demo Website:

Figure. The caption of the figure.

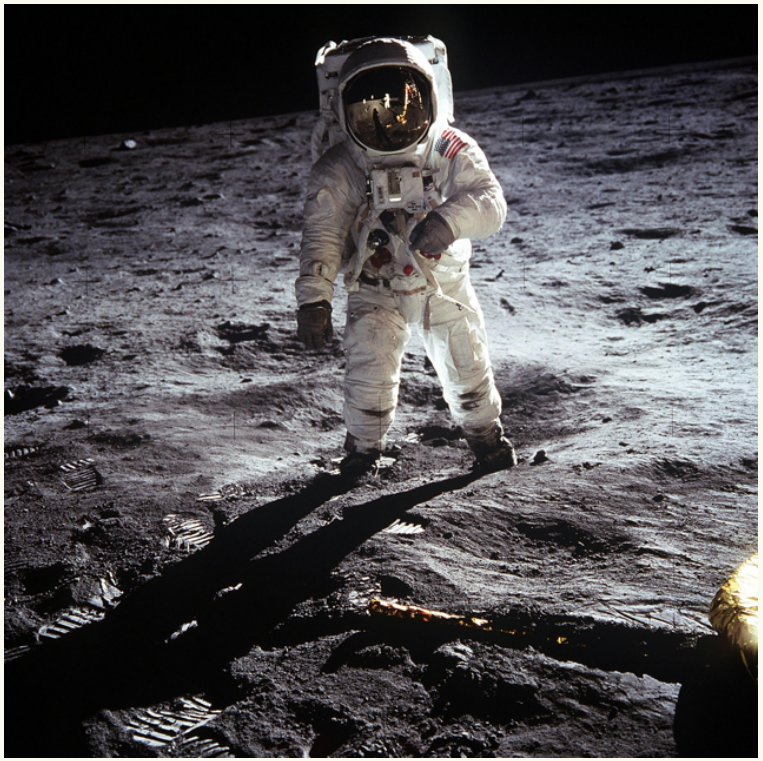

Figure. The caption of the figure.

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Limitations

⇒ **Concluding statement.**

Comparison

Table. Comparison of different methods (✓: YES, ✗: NO).

	Your Method	Method B	Method C	Method D	Method E	Method F
Feature 1	✓	✓	✗	✓	✗	✓
Feature 2	✓	✗	✓	✓	✓	✗
Feature 3	✗	✓	✓	✗	✗	✓
Feature 4	✓	✓	✗	✗	✓	✗
Feature 5	✗	✗	✓	✓	✗	✓
Feature 6	✓	✗	✓	✗	✗	✗

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Demonstration

Process A

Scenario 1

Scenario 2

Process B


thank
you!

Scope

Back to Objectives

Formalizing - `Sample` Algorithm

Back to `Sample` process

Algorithm (Result) ← `Sample`(Input1)

Require: Input1 is a predefined parameter.

```
1:  Set ← ∅
2:  for element ∈ Input1 do
3:      if Condition(element) is true then
4:          Set ← Set ∪ {Process(element)}
5:      else
6:          continue
7:      end if
8:  end for
9:  Intermediate ← Transform(Set)
10: return Result
```

Formalizing - `Sample` Pseudocode

Back to `Sample` process

Algorithm (Result) ← `Sample`(Input1)

Require: Input1 is a predefined parameter.

```
Set ← ∅
for element ∈ Input1 do
    if Condition(element) is true then
        Set ← Set ∪ {Process(element)}
    else
        continue
    end if
end for
Intermediate ← Transform(Set)
return Result
```

References I

[Knu84] Donald E. Knuth. “Literate Programming”. In: *The Computer Journal* 27.2 [1984], pp. 97–111.