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## Agradecimientos

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# Contenido

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|  |          |
|--|----------|
| <b>1. Introducción</b>                                 | <b>1</b> |
| 1.1. Confort and building energy consumption . . . . . | 1        |
| 1.2. Evaporative cooling . . . . .                     | 1        |
| 1.3. Buildings simulations and EnergyPlus . . . . .    | 1        |
| 1.4. Motivation . . . . .                              | 1        |
| <b>2. Methodology</b>                                  | <b>3</b> |
| 2.1. Project description . . . . .                     | 3        |
| 2.2. Cafeteria modeling . . . . .                      | 3        |
| 2.3. Numerical experiments . . . . .                   | 3        |
| 2.4. Validation process . . . . .                      | 3        |
| <b>3. Results</b>                                      | <b>5</b> |
| <b>4. Conclusions</b>                                  | <b>7</b> |



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## Lista de Figuras

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# Capítulo 1

## Introducción

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### 1.1. Confort and building energy consumption

### 1.2. Evaporative cooling

- What is it? and where it is applied
- Diference between direct and indirect
- Current technology

### 1.3. Buildings simulations and EnergyPlus

- Importance of building simulations
- EnergyPlus description

### 1.4. Motivation

- Evaporative cooling in EnergyPlus
- Pappit description (?)



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## Capítulo 2

# Methodology

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- 2.1. Project description
- 2.2. Cafeteria modeling
- 2.3. Numerical experiments
- 2.4. Validation process



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## Capítulo 3

# Results

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## Capítulo 4

# Conclusions

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