

# Título de la tesis



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*Magíster en Ingeniería Estructural*

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Me gustaría dedicar esta tesis a ...

## **Agradecimientos**

Y me gustaría reconocer...

## **Resumen**

Aquí es donde escribes tu resumen...

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# Capítulo 1

## Introducción

### 1.1. Objetivo

Poner contenido

#### 1.1.1. Ejemplo de índice

Para resolver varios problemas de física, puede ser ventajoso expresar cualquier función arbitraria uniforme por partes como una Serie de Fourier compuesta por múltiplos de funciones seno y coseno.

El índice alfabético solo se puede ver compilando la tesis con el archivo `compile-tesis-windows.bat` ubicado en la carpeta de la tesis.

#### 1.1.2. Ejemplo de símbolos y abreviaturas

$$CIF : \quad F_0^j(a) = \frac{1}{2\pi i} \oint_{\gamma} \frac{F_0^j(z)}{z-a} dz \quad (1.1)$$

La nomenclatura de símbolos y abreviaturas solo se puede ver compilando la tesis con el archivo `compile-tesis-windows.bat` ubicado en la carpeta de la tesis.

#### 1.1.3. Ejemplo de notas y cambios

Las notas y cambios solo se pueden ver con la opción "draft" de la tesis.

Ejemplo de nota por el autor.

Ejemplos de subrayado y nota con cambio de texto específico.



# Capítulo 2

## Segundo capítulo

### 2.1. Reasonably long section title

#### Enumeration

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1. The first topic is dull
2. The second topic is duller
  - a) The first subtopic is silly
  - b) The second subtopic is stupid
3. The third topic is the dullest

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## Itemize

- The first topic is dull
- The second topic is duller
  - The first subtopic is silly
  - The second subtopic is stupid
- The third topic is the dullest

## Description

**The first topic** is dull

**The second topic** is duller

**The first subtopic** is silly

**The second subtopic** is stupid

**The third topic** is the dumbest

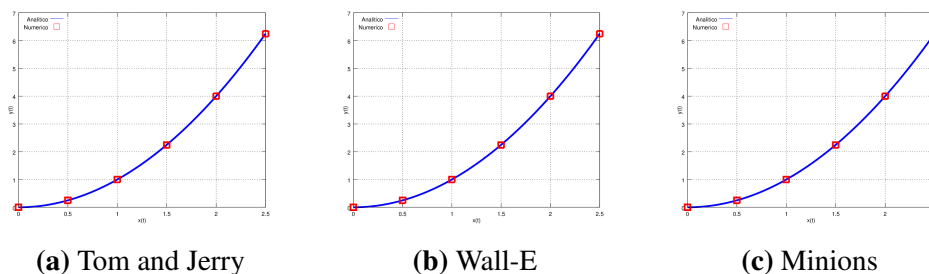
## 2.2. Hidden section

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Etiam elementum tristique lacus, sit amet eleifend nibh eleifend sed <sup>1</sup>. Maecenas dapibus augue ut urna malesuada, non tempor nibh mollis. Donec sed sem sollicitudin, convallis velit aliquam, tincidunt diam. In eu venenatis lorem. Aliquam non augue porttitor tellus faucibus porta et nec ante. Proin sodales, libero vitae commodo sodales, dolor nisi cursus magna, non tincidunt ipsum nibh eget purus. Nam rutrum tincidunt arcu, tincidunt vulputate mi sagittis id. Proin et nisi nec orci tincidunt auctor et porta elit. Praesent eu dolor ac magna cursus euismod. Integer non dictum nunc.

## Subplots

I can cite Wall-E (see Fig. 2.1b) Figura 2.1c and Figura 2.1a Minions in despicable me (Fig. 2.1c) or I can cite the whole figure as Fig. 2.1



**Figura 2.1** Best Animations

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<sup>1</sup>My footnote goes blah blah blah! ...

# Capítulo 3

## Tercer capítulo

### 3.1. First section of the third chapter

And now I begin my third chapter here ...<sup>1</sup>

And now to cite some more people Ancey et al. (1996) y Read (1985)

#### 3.1.1. First subsection in the first section

...and some more<sup>2</sup>

#### 3.1.2. Second subsection in the first section

...and some more ...

##### First subsub section in the second subsection

...and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it ...

#### 3.1.3. Third subsection in the first section

...and some more ...

##### First subsub section in the third subsection

...and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it and some more and some more and some more and some more and some more and some more ...

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<sup>1</sup>Otra nota al pie.

<sup>2</sup>Otra nota al pie.

### Second subsub section in the third subsection

...and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it ...

## 3.2. Second section of the third chapter

and here I write more ...

## 3.3. The layout of formal tables

This section has been modified from “Publication quality tables in  $\text{\LaTeX}$ ” by Simon Fear.

The layout of a table has been established over centuries of experience and should only be altered in extraordinary circumstances.

When formatting a table, remember two simple guidelines at all times:

1. Never, ever use vertical rules (lines).
2. Never use double rules.

These guidelines may seem extreme but I have never found a good argument in favour of breaking them. For example, if you feel that the information in the left half of a table is so different from that on the right that it needs to be separated by a vertical line, then you should use two tables instead. Not everyone follows the second guideline:

There are three further guidelines worth mentioning here as they are generally not known outside the circle of professional typesetters and subeditors:

3. Put the units in the column heading (not in the body of the table).
4. Always precede a decimal point by a digit; thus 0.1 *not* just .1.
5. Do not use ‘ditto’ signs or any other such convention to repeat a previous value.  
In many circumstances a blank will serve just as well. If it won't, then repeat the value.

A frequently seen mistake is to use ‘`\begin{center}`’ ... ‘`\end{center}`’ inside a figure or table environment. This center environment can cause additional vertical space. If you want to avoid that just use ‘`\centering`’

**Tabla 3.1** A badly formatted table

	Species I		Species II	
Dental measurement	mean	SD	mean	SD
I1MD	6.23	0.91	5.2	0.7
I1LL	7.48	0.56	8.7	0.71
I2MD	3.99	0.63	4.22	0.54
I2LL	6.81	0.02	6.66	0.01
CMD	13.47	0.09	10.55	0.05
CBL	11.88	0.05	13.11	0.04

**Tabla 3.2** A nice looking table

Dental measurement	Species I		Species II	
	mean	SD	mean	SD
I1MD	6.23	0.91	5.2	0.7
I1LL	7.48	0.56	8.7	0.71
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CBL	11.88	0.05	13.11	0.04

**Tabla 3.3** Even better looking table using booktabs

Dental measurement	Species I		Species II	
	mean	SD	mean	SD
I1MD	6.23	0.91	5.2	0.7
I1LL	7.48	0.56	8.7	0.71
I2MD	3.99	0.63	4.22	0.54
I2LL	6.81	0.02	6.66	0.01
CMD	13.47	0.09	10.55	0.05
CBL	11.88	0.05	13.11	0.04

# Primer apéndice

Este es el primer apéndice.



# Segundo apéndice

Este es el segundo apéndice.

# Bibliografía

- Ancéy, C., Coussot, P., y Evesque, P. (1996). Examination of the possibility of a fluid-mechanics treatment of dense granular flows. *Mechanics of Cohesive-frictional Materials*, 1(4), 385-403. [http://doi.wiley.com/10.1002/\(SICI\)1099-1484\(199610\)1:4%3C385::AID-CFM20%3E3.0.CO;2-0](http://doi.wiley.com/10.1002/(SICI)1099-1484(199610)1:4%3C385::AID-CFM20%3E3.0.CO;2-0)
- Read, C. J. (1985). A solution to the invariant subspace problem on the space  $l_1$ . *Bull. London Math. Soc.*, 17, 305-317.