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CAPÍTULO 1

Números reales

Los axiomas de cuerpo

Los axiomas de orden

Valores absolutos y desigualdad triangular

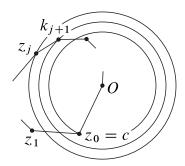
Algebra de los valores absolutos.

Proximidad

Generar pdf y svg en inskape(ajustar Shift+Ctrl+R) o relativos luego se debe guardar en el mismo directorio general luego se usa el entorno ff fff

$$\prod_{1}^{2} = \sum_{\alpha}^{e}$$

Figure 1.1: some text here to represent the caption



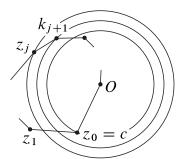


Figure 1.2: some text here to represent the caption

Vector

Recta

See Theorem 1.1

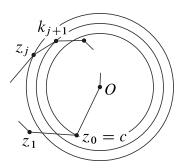


Figure 1.3: ww

Here is my theorem. Here is my theorem.

Teorema 1.1. Here is my theorem. Here is my theorem. Here is my theorem. Here is my theorem. Here is my theorem.

sea Here is my theorem. Here is my theorem. Here is my theorem. Here is my theorem. \sum_{1}^{2}

Definición 1.1 (ww). Sea la siguiente formula Here is my theorem. Here is my theorem. Here is my theorem. Here is my theorem.

See Figure 1.5 1.3



Figure 1.4: ww

Here is my theorem. Here is my theorem. Here is my theorem.

plot(cars) # a scatterplot

Lema 1.1 (Pythagorean theorem). For a right triangle, if c denotes the length of the hypotenuse and a and b denote the lengths of the other two sides, we have

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

See Table 1.1

knitr::kable(mtcars[1:5, 1:5], caption = "A caption", booktabs=TRUE)

$$f(k) = \binom{n}{k} p^k \left(1 - p\right)^{n-k} \tag{5.1}$$

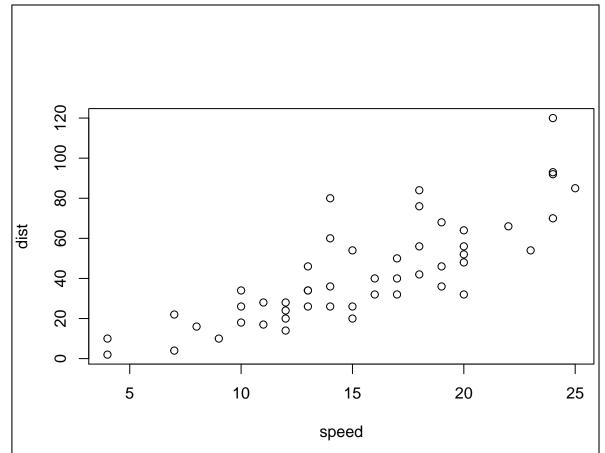


Figure 1.5: A plot caption

	mpg	cyl	disp	hp	drat
Mazda RX4	21.0	6	160	110	3.90
Mazda RX4 Wag	21.0	6	160	110	3.90
Datsun 710	22.8	4	108	93	3.85
Hornet 4 Drive	21.4	6	258	110	3.08
Hornet Sportabout	18.7	8	360	175	3.15

Table 1.1: A caption

Este es un *ejemplo* book written in **Markdown. La ecuacion (5.1). You can use anything that Pandoc's Markdown supports, e.g., a math equation $a^2 + b^2 = c^2$.

The **bookdown** package can be installed from CRAN or Github:

```
install.packages("bookdown")
# or the development version
# devtools::install_github("rstudio/bookdown")
```

Remember each Rmd file contains one and only one chapter, and a chapter is defined by the first-level heading #.

To compile this example to PDF, you need XeLaTeX. You are recommended to install TinyTeX (which includes XeLaTeX): https://yihui.org/tinytex/.

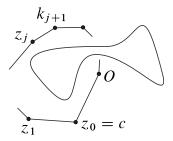
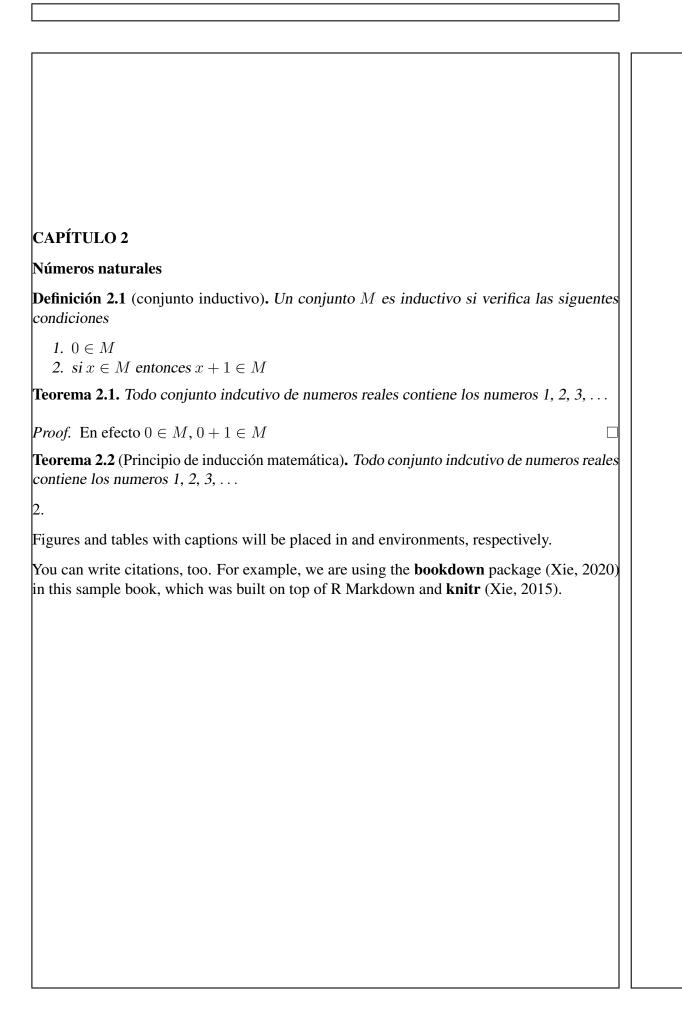


Figure 1.6: ww



CAPÍTULO 3	
Limite de una función	
Definición de limite para funciones $\mathbb{R} \to \mathbb{R}$ (es decir, funciones que aplican reales en reales)	
Teorema sobre limite de funciones	
Teorema lím ite de la raíz de una función	
Teorema del límite para funciones com puestas	
Teorema del sandwich	
Limites laterales	
Limites que contienen in finito	
Límites de la forma $\lim f(x)^{g(x)} = C$	

CAPÍTULO 4 Methods We describe our methods in this chapter.
Methods

CAPÍTULO 5	
Applications	
Some <i>significant</i> applications are demonstrated in this chapter.	
Example one	
Example two	

CAPÍTULO 6		
Final Words		
We have finished a nice book.		

Bibliography		
Xie, Y. (2015). <i>Dynamic Documents with R and knitr</i> . Chapman and Hall/CRC, Boca Raton Florida, 2nd edition. ISBN 978-1498716963.	,	
Xie, Y. (2020). bookdown: Authoring Books and Technical Documents with R Markdown. R package version 0.17.	-	