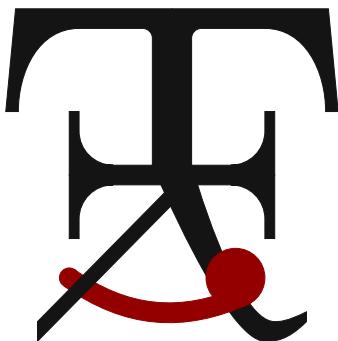


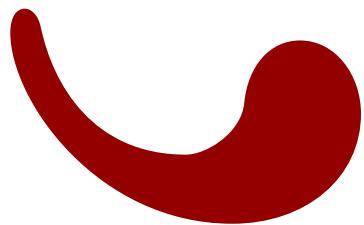
# Portfolio

## Elio *A.* Farina



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*Al L<sup>A</sup>T<sub>E</sub>X*

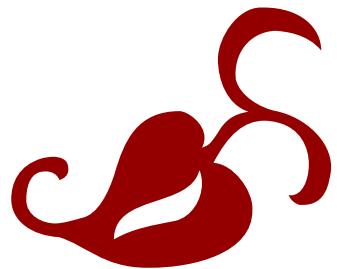


Portfolio  
Elio A. Farina

personal email: elio.farina@gmail.com  
Overleaf account: elio.farina@gmail.com  
GitHub: <https://github.com/elioa/>  
BitBucket: <https://bitbucket.org/elioa/>  
Personal WebSite: [badroomtales.me](http://badroomtales.me)

100% L<sup>A</sup>T<sub>E</sub>X 2<sub>&</sub> made

# Page layout



*Carere debet omni vitio qui in alterum dicere paratus est.*

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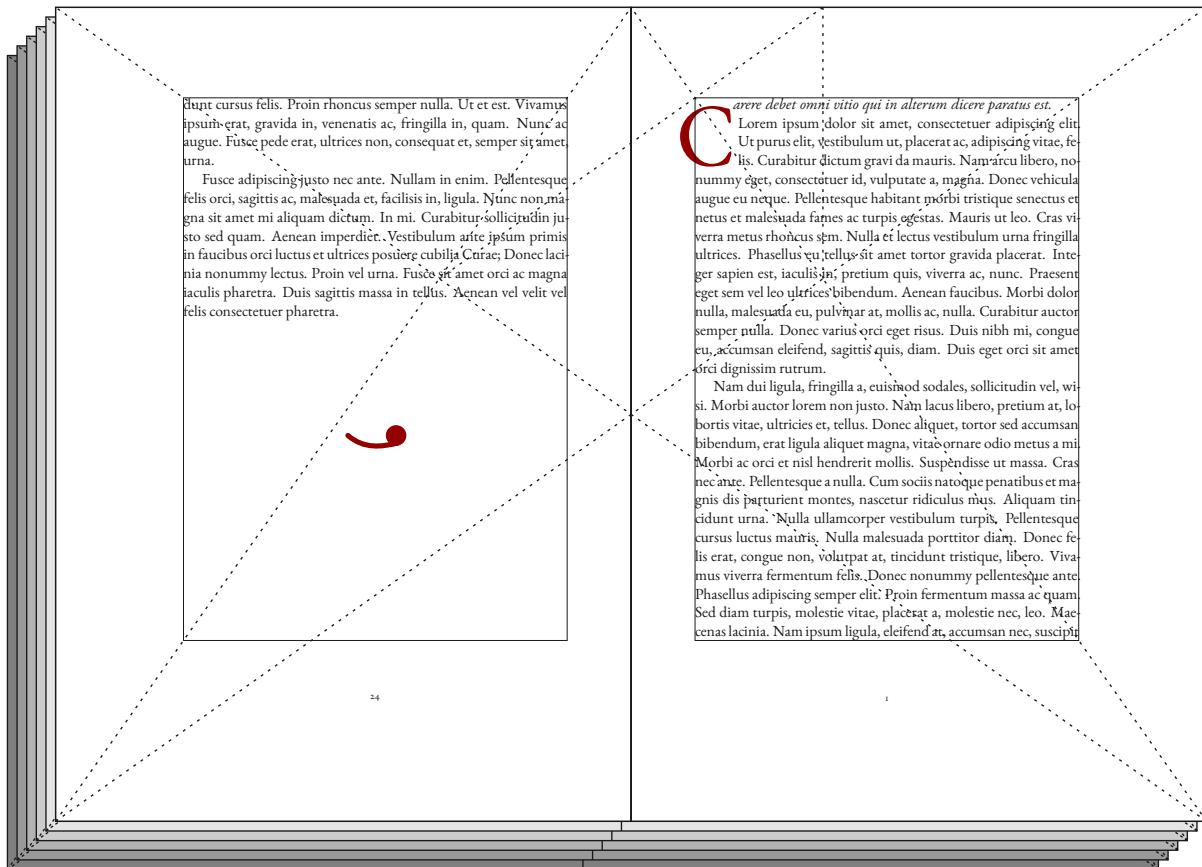
## *Disegni per il canone di stampa.*

Figura 1. *Canone di stampa per pagina singola in formato A4.*



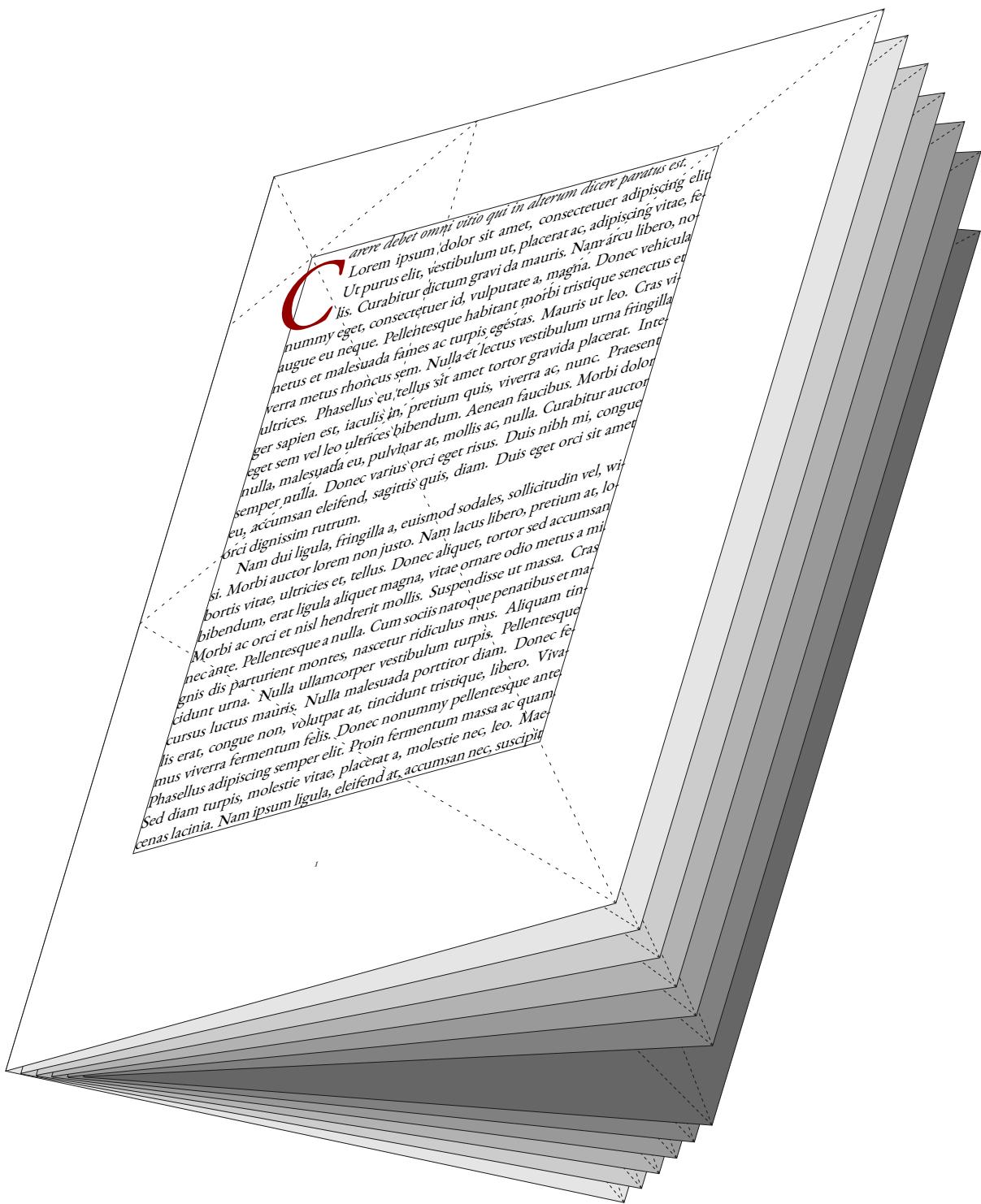
\P{A}{canoni}

Figura 16. Stampa a libretto con canone di stampa evidenziato.



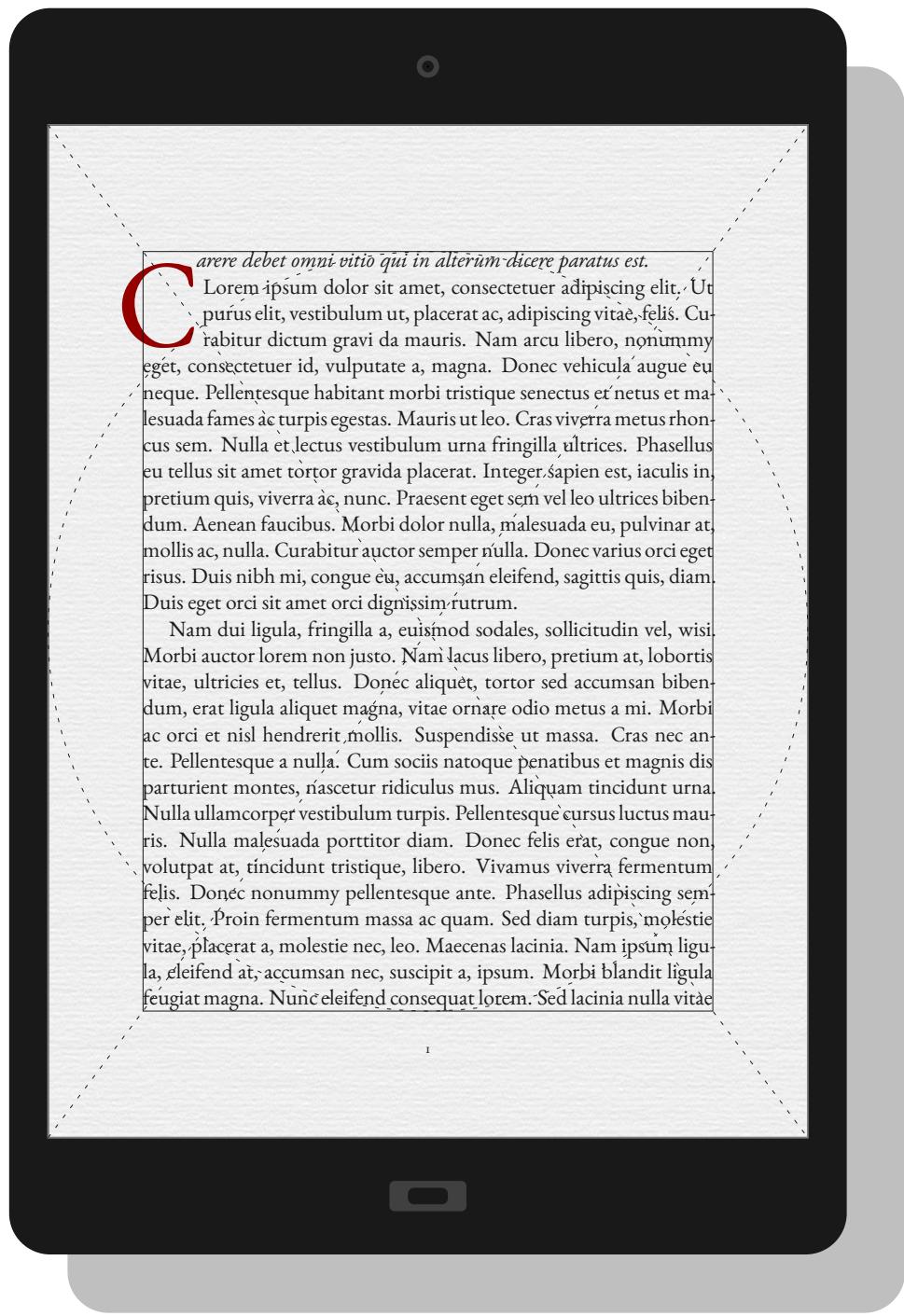
\RGPBii

Figura 17. Libretto piegato con canone di stampa evidenziato.



\RGPBiii

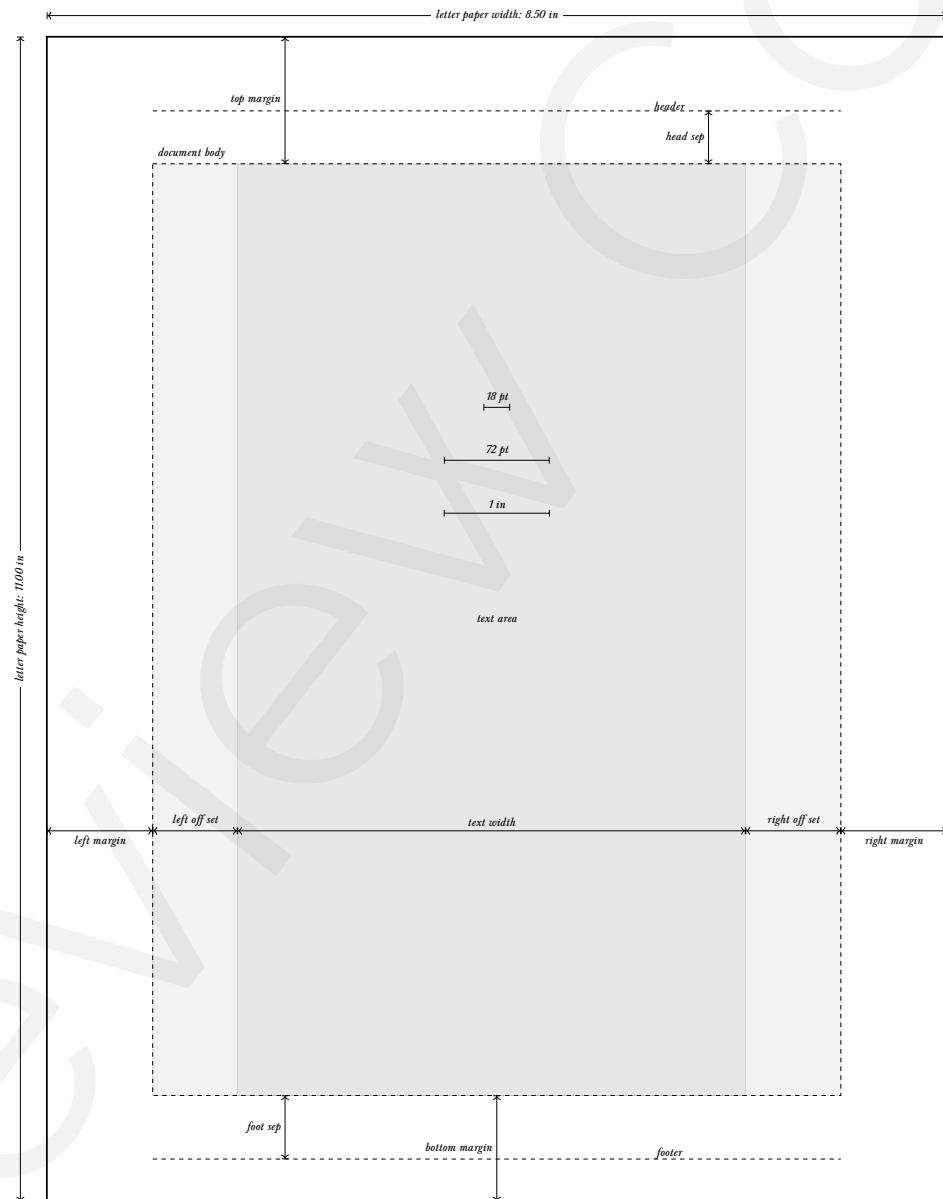
Figura 18. Pagina quattro terzi in eReader con canone di stampa evidenziato.



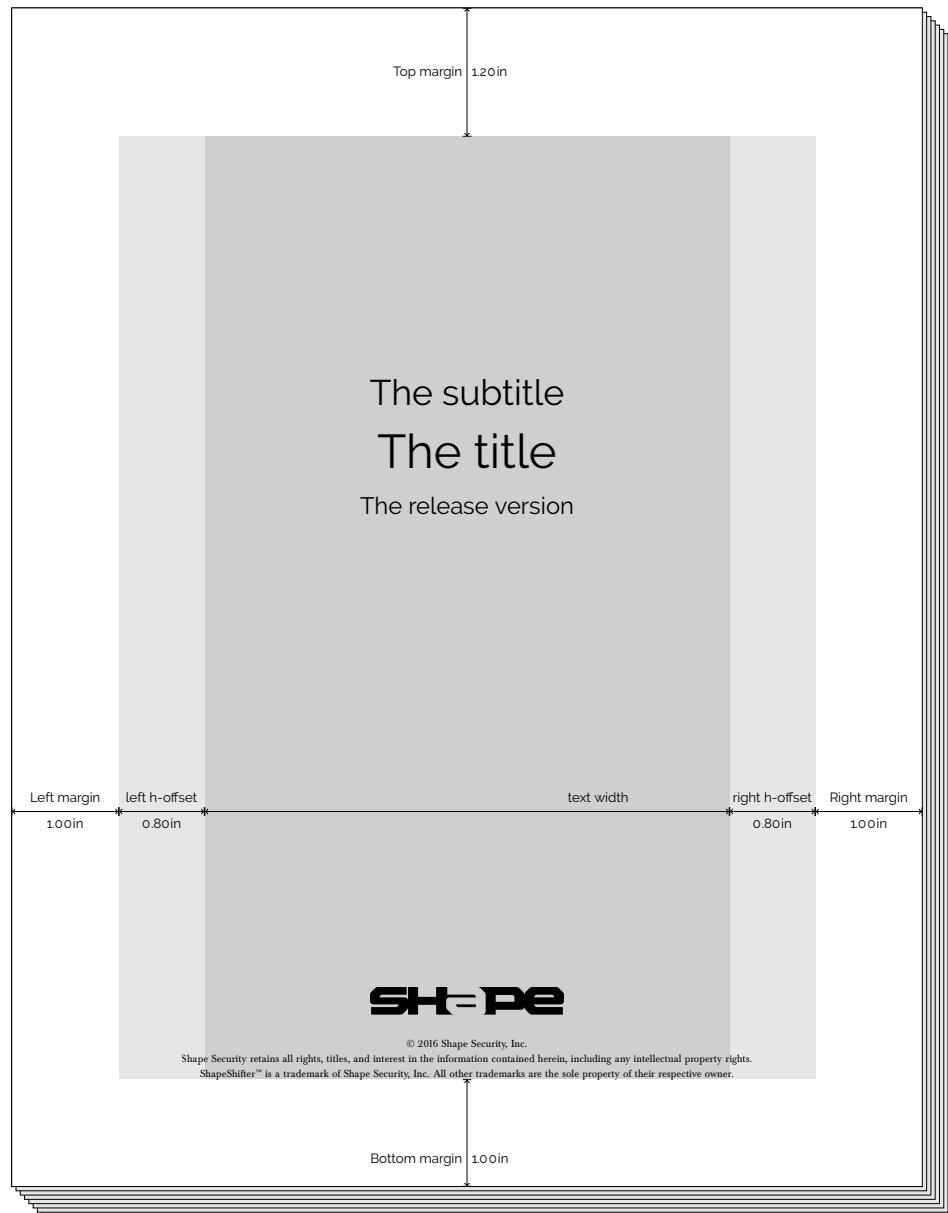
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# A blank page

## Letter paper



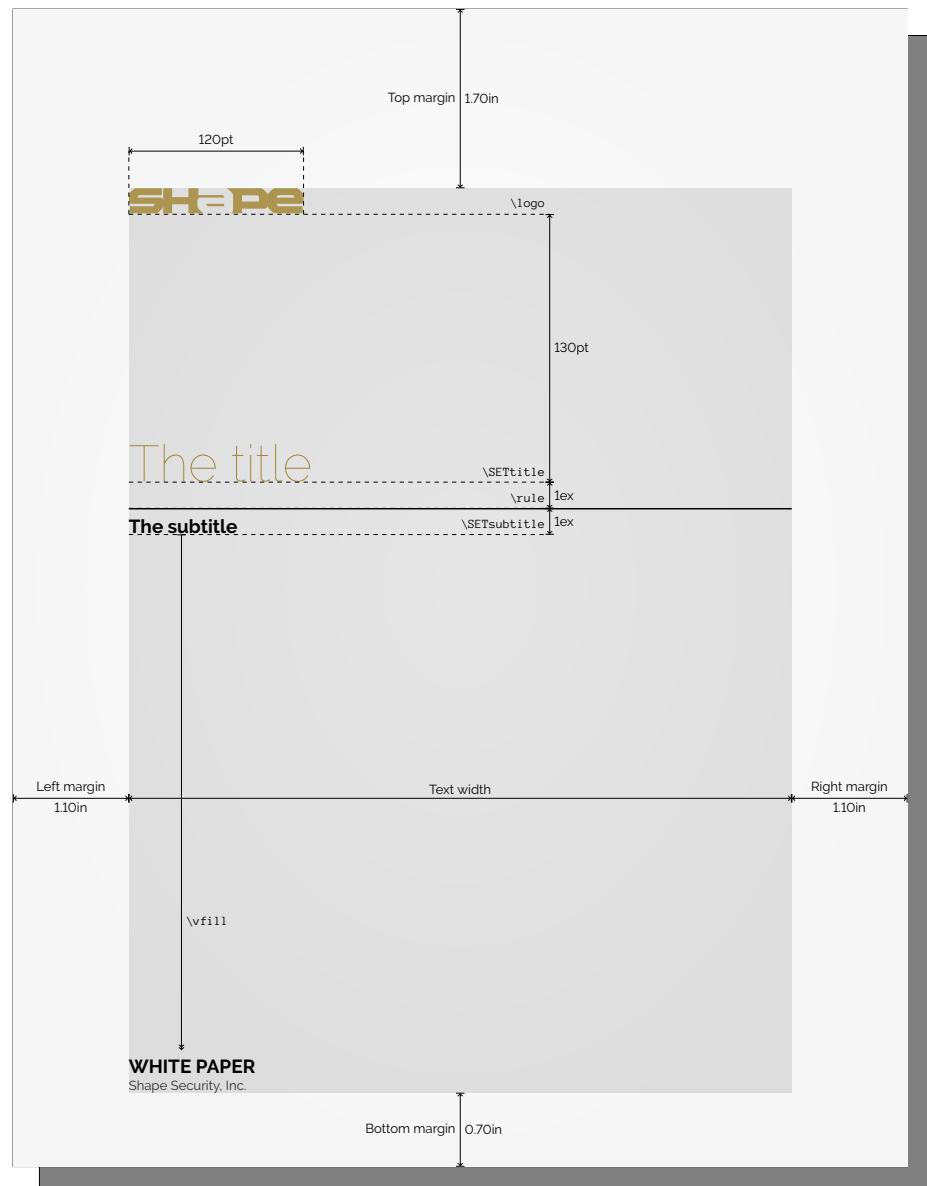
## Short form Cover page



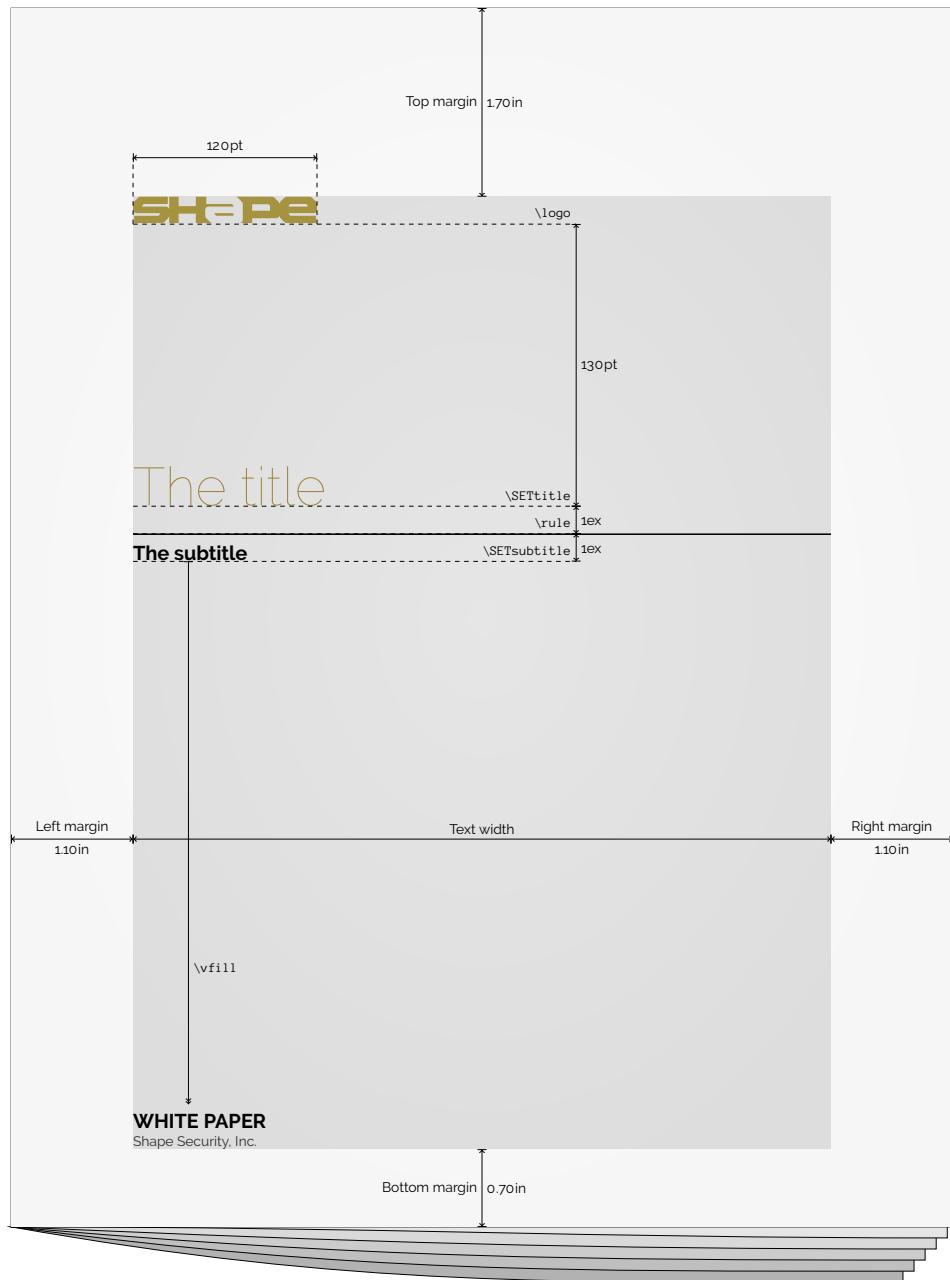
## Diagrams

In the next pages you can see some diagrams to show the length in the various page of the document. The lengths expressed don't represent the actual length in the paper, but the length set by the command to create it.

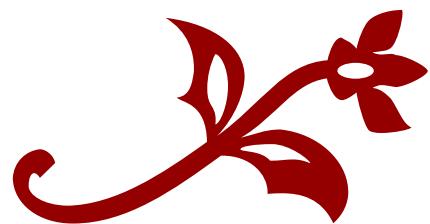
### Cover page default



## Cover page default



# Document conversions



# ELIO A. FARINA

44 COLLINWARD GARDENS

NEWTOWNABBEY, Co ANTRIM BT36 6DS

UNITED KINGDOM

elio.farina@gmail.com

UK mobile: +447824705950

## Résumé

---

### CURRENT OCCUPATIONS

#### CCO – Chief Content Officer

From December 2015

*UC Academy, Bree 29A2 3074 BB, Rotterdam, The Netherlands*

Editing and management of the *Study guides* contents and all teaching material using L<sup>A</sup>T<sub>E</sub>X and HTML language.

#### Digital typographer – L<sup>A</sup>T<sub>E</sub>X programmer

From May 2014

*Freelancer for various clients all around the world*

L<sup>A</sup>T<sub>E</sub>X language coding for publishing documents and report creation. Creation classes and packages for custom made document templates. Drawing vectorial images using TikZ/L<sup>A</sup>T<sub>E</sub>X. Teaching L<sup>A</sup>T<sub>E</sub>X and basics of git. Assisting clients on L<sup>A</sup>T<sub>E</sub>X code related issues and debugging.

Portfolio at <http://badroomtales.me/portfolio/EAFportfolio.pdf>.

---

### PREVIOUS OCCUPATION

#### Physiotherapist

From December 2009 to April 2014

*Freelancer.*

Physiotherapy treatments for various typology of patients, private and for the Italian public health system.

---

### SCHOOL

#### Physiotherapist

From October 2006 to November 2009

*Università degli Studi di Milano – Bicocca, Facoltà di Medicina,*

*Corso di Laurea in Fisioterapia abilitante alla professione di Fisioterapista.*

Degree in Physiotherapy, 11 November 2009.

Newtownabbey, August 5, 2020



# This is the title for IEEE class for Elio's portfolio

Elio A. Farina  
TeX Academy  
Email: elio.farina@gmail.com

**Abstract**—Some lorem ipsum as filler. **Some ipsum dolor sit amet, consectetur adipiscing elit.** Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

**Index Terms**—Some, keywords, to complete, the page

## I. INTRODUCTION

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## II. A SECTION

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### A. A subsection

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### B. Another subsection

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## III. ANOTHER SECTION

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# Is this a title for a thesis?

*Elio A. Farina* \*

September, 2121

## Abstract

This is the babstract with some info.

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**Key words:** Key, Words, Some

**JEL classification:** G15, F23, F31, F41

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\*TeX Academy

T<sub>E</sub>X ACADEMY

MASTERS THESIS

---

# Another Title for a Thesis Template

---

*Author:* Elio FARINA

*Supervisor:* Prof. Arturo FARINA

June 3000

**Disclaimer:** This report is submitted as part requirement for a masters in research at Elio's portfolio. It is substantially the result of my own work experience in L<sup>A</sup>T<sub>E</sub>X coding.

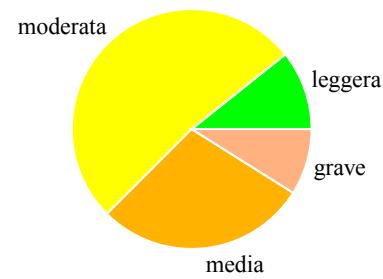
**Tabella 5.1.** Media, mediana, moda, massimi e minimi raggiunti per le aree tematiche considerate.

Aree tematiche	Media	Mediana	Moda	Massimo	Minimo
Allineamento	3,31	3,0	2,9	6,6	0,9
Quadrante inferiore	1,15	1,2	1,2	2,2	0,2
Movimenti attivi del tronco	1,62	1,7	2,0	3,4	0,2

I soggetti sono stati suddivisi in 5 classi di gravità con intervalli variabili in base al punteggio massimo raggiunto: intervalli di 1,84 per l'allineamento, 0,52 quadrante inferiore, 0,68 movimenti attivi del tronco. I risultati sono visibili in Tabella 5.2 per l'allineamento, in Tabella 5.3 per il quadrante inferiore e in Tabella 5.4 per i movimenti attivi del tronco.

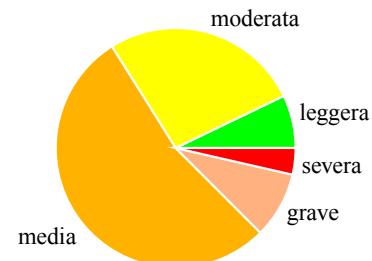
**Tabella 5.2.** Giudizio di gravità nell'allineamento.

Gravità	N°	%
● leggera	6	10,71
● moderata	29	51,79
● media	16	28,57
● grave	5	8,93
● severa	0	0,00



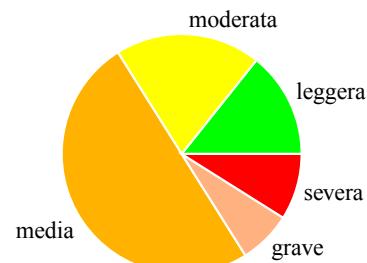
**Tabella 5.3.** Giudizio di gravità nel quadrante inferiore.

Gravità	N°	%
● leggera	4	7,14
● moderata	15	26,79
● media	30	53,57
● grave	5	8,93
● severa	2	3,57

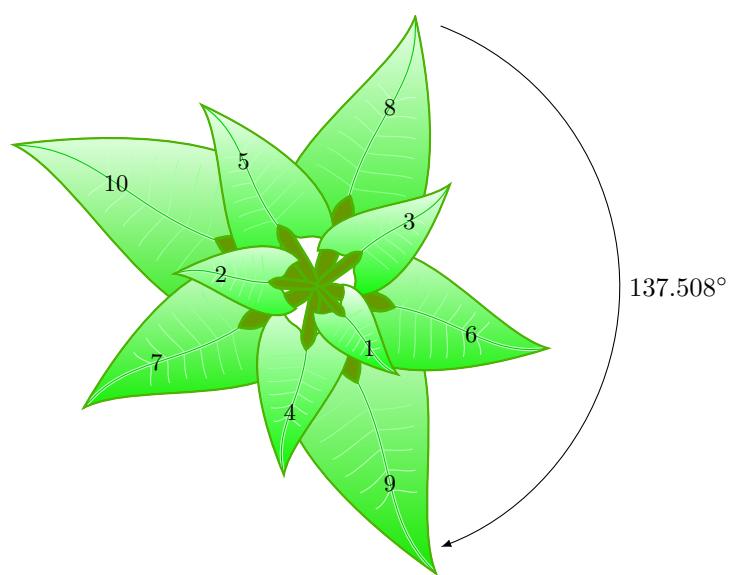


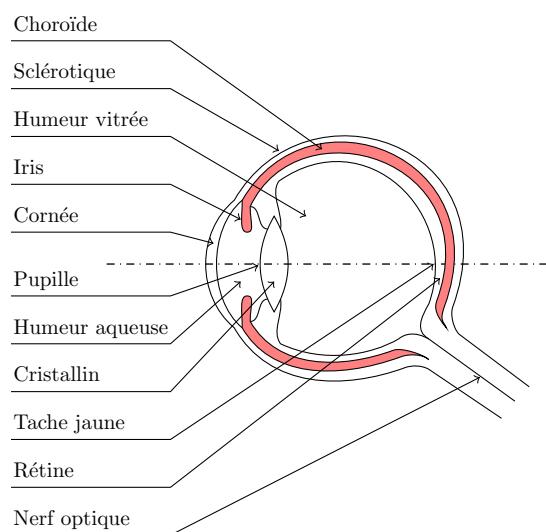
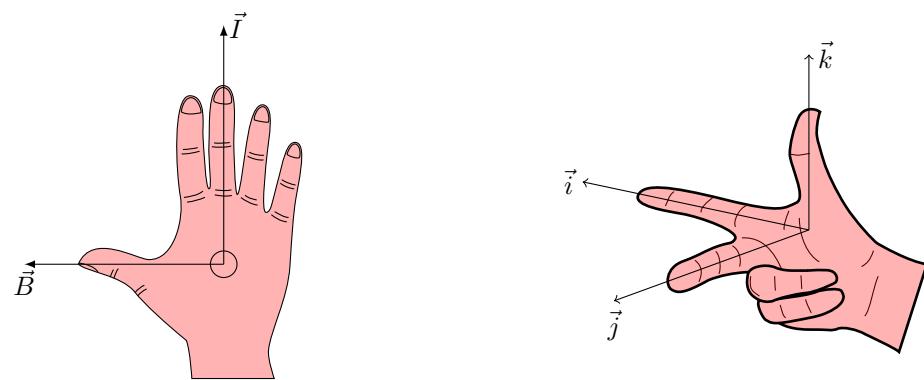
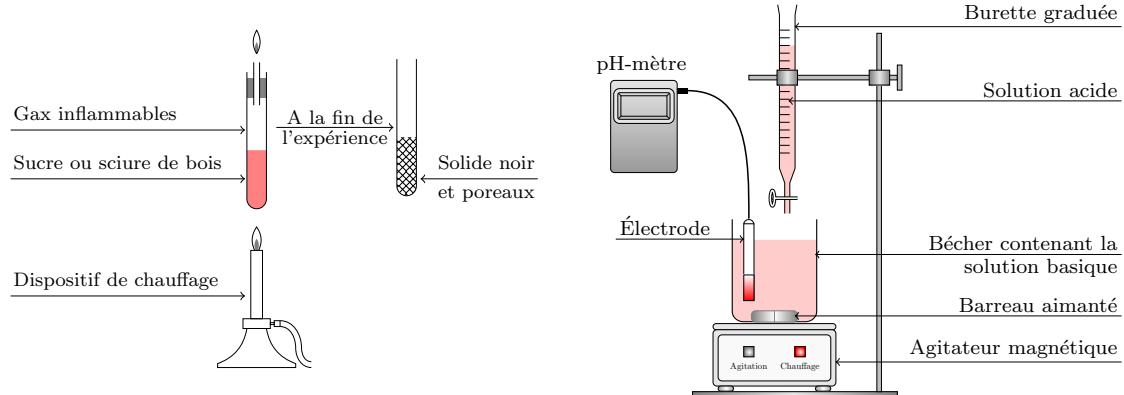
**Tabella 5.4.** Giudizio di gravità nei movimenti del tronco.

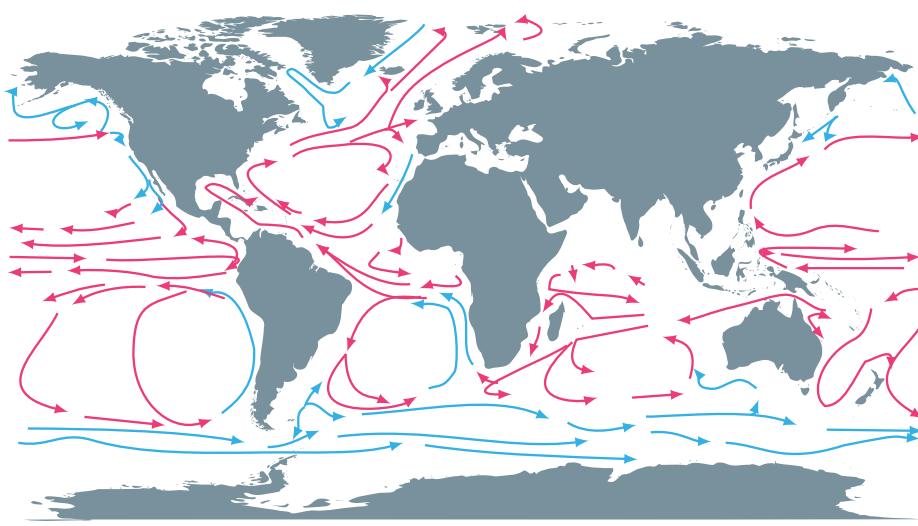
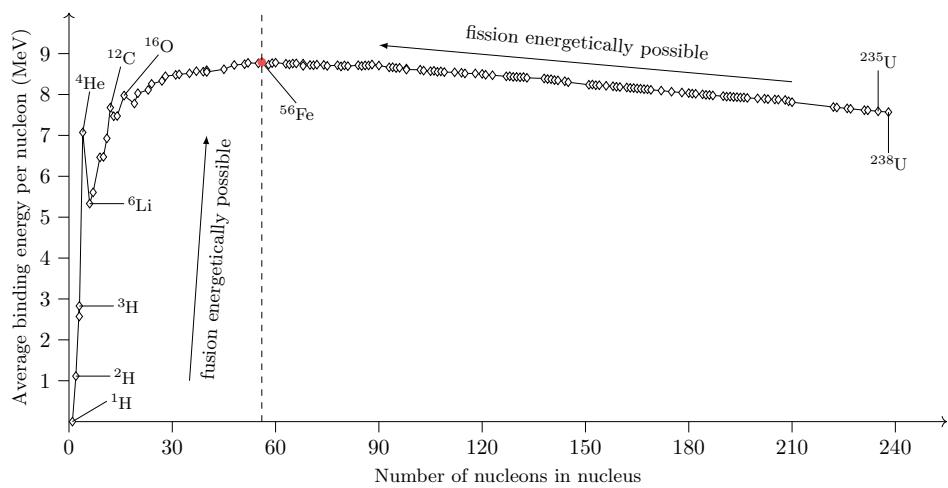
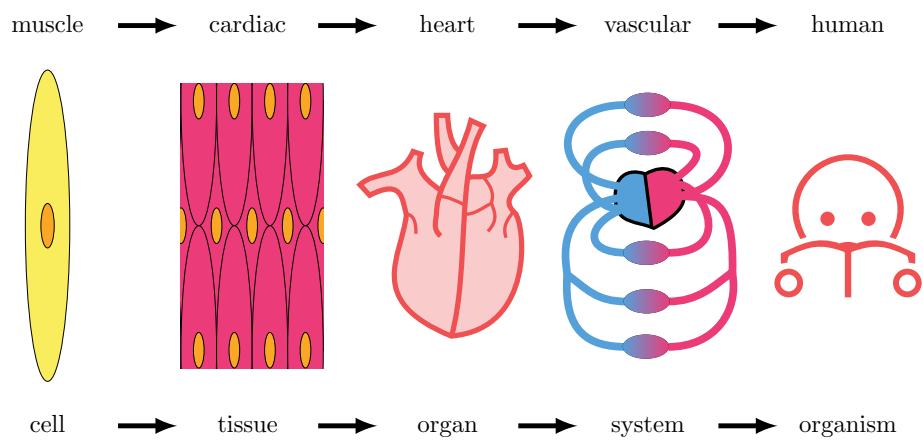
Gravità	N°	%
● leggera	8	14,29
● moderata	11	19,64
● media	28	50,00
● grave	4	7,14
● severa	5	8,93

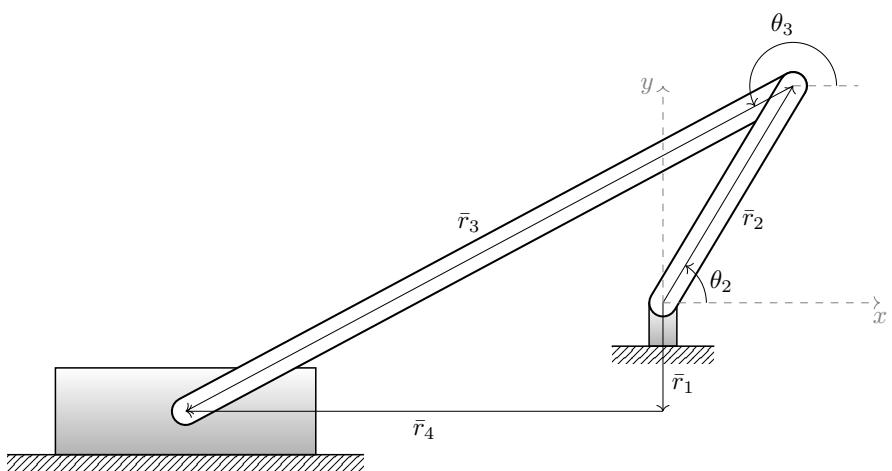
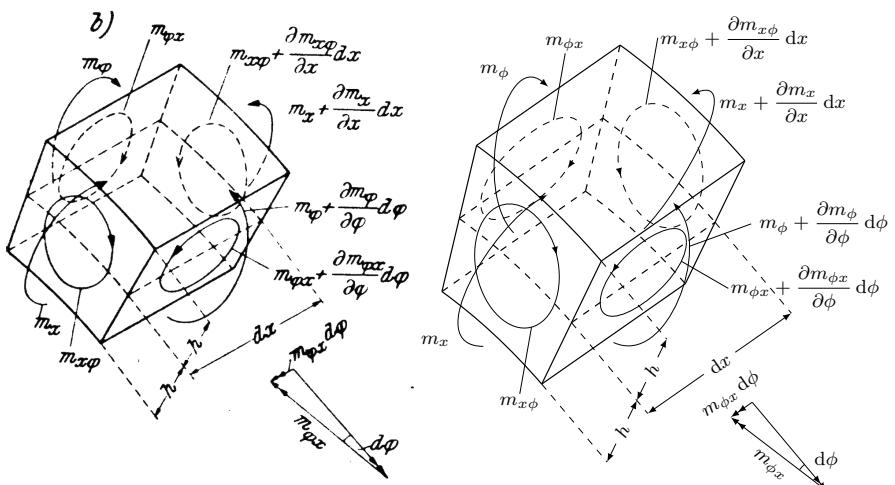
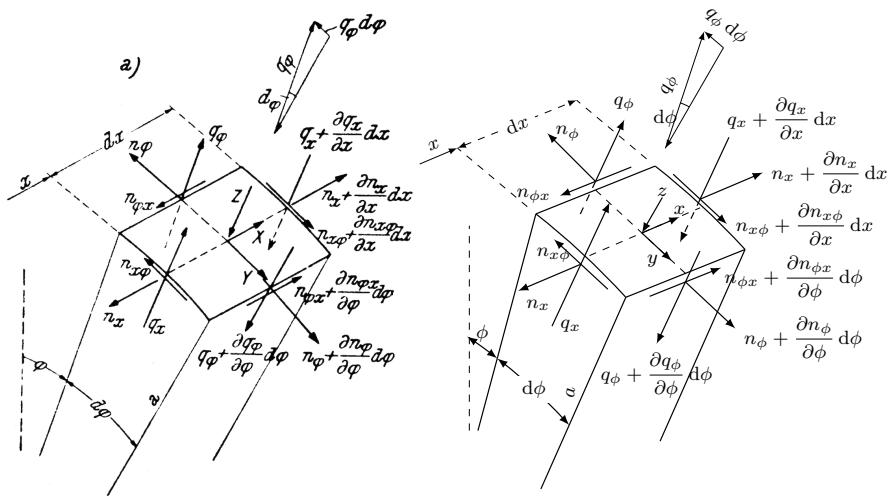


# TikZ works





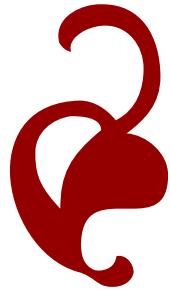




18 VIIA	
2	4.5238 He Helium
1	1.0209 H Hydrogen
2	2.0122 Be Boron
3	6.941 Li Lithium
4	9.0122 Be Boron
5	10.811 B Boron
6	12.011 C Carbon
7	14.027 N Nitrogen
8	15.999 F Fluorine
9	18.998 O Oxygen
10	15.999 VA 15 VA
11	22.990 Mg Magnesium
12	24.325 Al Aluminum
13	26.982 Si Silicon
14	28.086 P Phosphorus
15	30.974 S Sulfur
16	32.065 Cl Chlorine
17	35.453 Ar Argon
18	39.948 Ne Neon
19	39.998 Na Sodium
20	40.078 Sc Scandium
21	44.956 Ca Calcium
22	47.078 Ti Titanium
23	51.942 V Vanadium
24	51.996 Cr Chromium
25	54.938 Mn Manganese
26	55.845 Fe Iron
27	56.935 Co Cobalt
28	56.693 Ni Nickel
29	56.546 Cu Copper
30	56.539 Zn Zinc
31	67.723 Ga Gallium
32	72.64 Ge Germanium
33	74.922 As Arsenic
34	78.936 Se Selenium
35	79.934 Br Bromine
36	83.8 Kr Krypton
37	83.8 Mo Molybdenum
38	87.62 Tc Technetium
39	88.926 Ru Ruthenium
40	91.224 Nb Niobium
41	92.926 Os Osmium
42	93.944 Rh Rhodium
43	95.926 Re Rhenium
44	101.07 Ru Ruthenium
45	102.931 Pd Rhodium
46	106.42 Ag Silver
47	109.87 Pb Lead
48	112.44 Cd Cadmium
49	114.82 In Indium
50	118.71 Sn Tin
51	121.76 Te Antimony
52	127.6 I Iodine
53	126.9 At Astatine
54	131.29 Xe Xenon
55	131.29 Rn Radon
56	132.931 Rb Rubidium
57	137.33 Sr Strontium
58	138.541 Ba Barium
59	140.12 La Lanthanum
60	140.91 Ce Cerium
61	144.24 Pr Praseodymium
62	144.24 Nd Neodymium
63	151.96 Pm Promethium
64	157.25 Sm Europium
65	158.93 Eu Europium
66	162.53 Gd Gadolinium
67	164.93 Dy Dysprosium
68	168.93 Ho Holmium
69	170.24 Er Erbium
70	173.97 Yb Ytterbium
71	175.97 Lu Lutetium
72	178.49 Ta Tantalum
73	183.34 W Tungsten
74	186.21 Re Rhenium
75	186.21 Nb Niobium
76	192.22 Ir Iridium
77	193.58 Pt Platinum
78	195.58 Au Gold
79	198.97 Hg Mercury
80	203.59 Tl Thallium
81	204.38 Pb Lead
82	207.2 Bi Bismuth
83	209.98 Po Polonium
84	210.20 At Astatine
85	210.20 At Astatine
86	222 Rn Radon
87	223 Fr Francium
88	226 Ra Radium
89	227 Ac Actinium
90	232.24 Th Thorium
91	231.04 Pa Protactinium
92	238.03 U Uranium
93	238.03 Np Neptunium
94	244 Pu Plutonium
95	243 Am Americium
96	247 Cm Curium
97	247 Bk Berkelium
98	251 Cf Californium
99	252 Es Einsteinium
100	257 Md Mendeleyium
101	258 No Nobelium
102	259 Lr Lawrencium



# Page samples



# FUNCTIONS

## Table of contents & cheatsheet

### Definitions

**Function** a mathematical relationship where each input has a single output. It is often written as  $f(x)$  where  $x$  is the input

**Domain** all possible  $x$  values, the input. (the domain of investigation)

**Range** possible  $y$  values, the output. (the range of outcomes)

**Coordinates** uniquely determines the position of a point, given by  $(x, y)$

### 2.1. Types of functions

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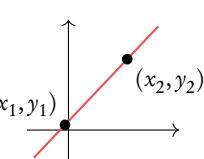
**Linear functions**  $y = mx + c$

$m$  is the gradient,  
 $c$  is the  $y$  intercept.

**Midpoint:**  $\left(\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2}\right)$

**Distance:**  $\sqrt{(x_2-x_1)^2 + (y_2-y_1)^2}$

**Gradient:**  $m = \frac{y_2-y_1}{x_2-x_1}$



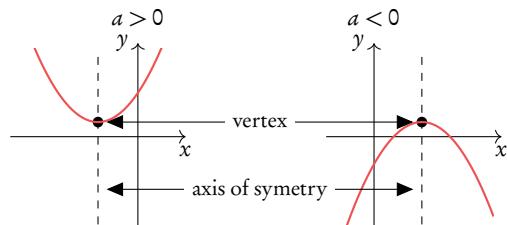
**Parallel lines:**  $m_1 = m_2$  (same gradients)

**Perpendicular lines:**  $m_1 m_2 = -1$

**Quadratic functions**  $y = ax^2 + bx + c = 0$

**Axis of symmetry:**  $x$ -coordinate of the vertex:  $x = \frac{-b}{2a}$

**Factorized form:**  $y = (x + p)(x + q)$



If  $a = 1$  use the factorization method  $(x + p) \cdot (x + q)$

If  $a \neq 1$  use the quadratic formula

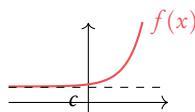
When asked explicitly complete the square

**Vertex form:**  $y = a(x - h)^2 + k$

**Vertex:**  $(h, k)$

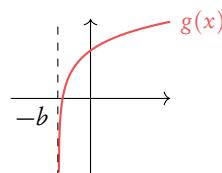
**Exponential**

$$f(x) = a^x + c$$



**Logarithmic**

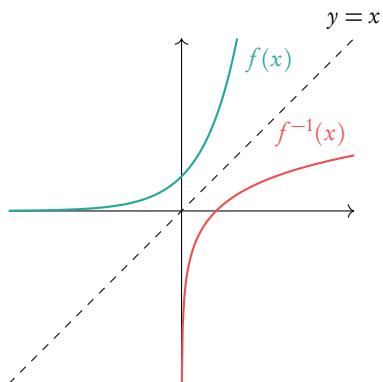
$$g(x) = \log_a(x + b)$$



### 2.2. Rearranging functions

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**Inverse function,**  $f^{-1}(x)$  reflection of  $f(x)$  in  $y = x$ .



**Composite function,**  $(f \circ g)(x)$  is the combined function  $f$  of  $g$  of  $x$ .

When  $f(x)$  and  $g(x)$  are given, replace  $x$  in  $f(x)$  by  $g(x)$ .

### Transforming functions

#### Change to $f(x)$ Effect

$f(x) + a$	Move graph $a$ units upwards
$f(x + a)$	Move graph $a$ units to the left
$a \cdot f(x)$	Vertical stretch by factor $a$
$f(a \cdot x)$	Horizontal stretch by factor $\frac{1}{a}$
$-f(x)$	Reflection in $x$ -axis
$f(-x)$	Reflection in $y$ -axis

## 2.2.4 Polynomial long division

When we need to divide one polynomial by another we use *polynomial long division*. The number to be divided is called the ‘dividend’. The number which divides it is called ‘divisor’.

## Polynomial long division

Divide  $3x^3 - 2x^2 + 4x - 3$  by  $x^2 + 3x + 3$ :

$$\begin{array}{c|cc} x^2 + 3x + 3 & \overline{3x^3 - 2x^2 + 4x - 3} \\ \hline & \text{divisor} & \text{dividend} \end{array}$$

- Divide the first term of the dividend by the first term of the divisor

The diagram shows the first step of polynomial long division. The dividend is  $3x^3 - 2x^2 + 4x - 3$ , and the divisor is  $x^2 + 3x + 3$ . The first term of the quotient,  $3x$ , is circled and has a bracket above it pointing to the first term of the dividend,  $3x^3$ .

- 2.** Multiply the divisor by this answer and subtract this from our dividend

$$\begin{array}{r}
 (x^2 + 3x + 3) \times 3x = 3x^3 + 9x^2 + 9x \\
 x^2 + 3x + 3 \quad | \quad 3x^3 \quad -2x^2 \quad +4x \quad -3 \\
 \underline{-3x^3 \quad -9x^2 \quad -9x} \\
 \hline
 \quad \quad \quad -11x^2 \quad -5x \quad -3
 \end{array}$$

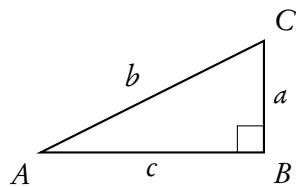
3. Divide the result of the substitution by the first term of the divisor. Repeat the process until this is no longer possible

$$\begin{array}{r} \text{result} \\ \hline 3x - 11 \\ \boxed{3x - 11} \\ \hline x^2 + 3x + 3) \overline{)3x^3 - 2x^2 + 4x - 3} \\ 3x^3 - 9x^2 - 9x \\ \hline -11x^2 - 5x - 3 \\ -11x^2 + 33x + 33 \\ \hline \text{remainder } \boxed{28x + 30} \end{array}$$

- 4.** Write the answer:  
result + remainder  
divisor

$$3x - 11 + \frac{28x + 30}{x^2 + 3x + 3}$$

7. Use the diagram to solve each right-angled triangle. Give exact answers. Lengths are in cm.



7.a  $a = 12, c = 24$

7.c  $c = 4.5, B = 60^\circ$

7.e  $a = 5\sqrt{2}, c = 10$

7.b  $b = 9, A = 45^\circ$

7.d  $b = 6, c = 4\sqrt{3}$

8. In the following questions, find the exact value of  $\theta$  in degree measure ( $0^\circ < \theta < 90^\circ$ ) and in radian measure ( $0 < \theta < \frac{\pi}{2}$ ) without using your GDC.

8.a  $\cos \theta = \frac{1}{2}$

8.c  $\tan \theta = \sqrt{3}$

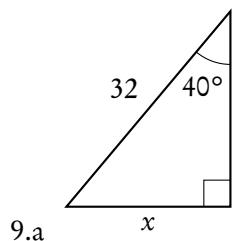
8.e  $\tan \theta = 1$

8.b  $\sin \theta = \frac{\sqrt{2}}{2}$

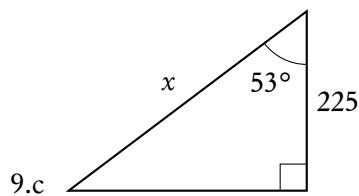
8.d  $\sin \theta = \frac{\sqrt{3}}{2}$

8.f  $\cos \theta = \frac{\sqrt{3}}{2}$

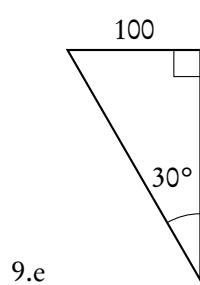
9. In the following questions, solve for  $x$ . Give your answer to 3 s.f.



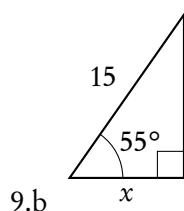
9.a



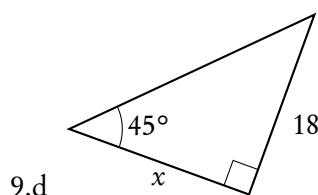
9.c



9.e



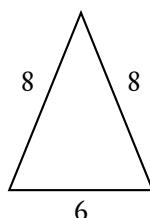
9.b



9.d

10. A 6 m ladder leaning against the side of a building makes a  $72^\circ$  angle with the ground. How far up the side of the house does the ladder reach? Tip: sketch the situation.

11. An isosceles triangle has sides of length 8 cm, 8 cm and 6 cm. Find the angle between the two equal sides.





## La musica.

Semplice. Sessanta battiti al minuto, come i secondi dell'orologio. Partitura in Mi maggiore. Niente di più.

La musica, a parte l'esplosione finale dei violini, è volutamente malinconica perché deve creare la sensazione di lui rimasto solo sulle scale. Di qualcosa di incompiuto, anche se in realtà poi tutto si compie.

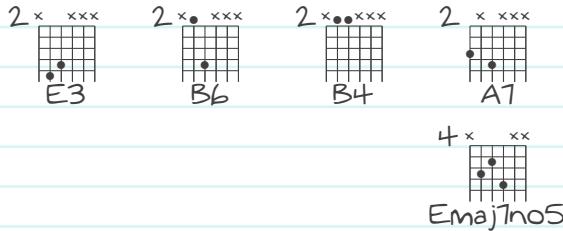
La *voce*. La melodia ribatte sulle stesse note, soprattutto in levare. Mi piace molto scrivere canzoni in cui la melodia è in levare. A parte qualche raccordo e qualche variazione, le note sono tre: Sol, Si e Do. Il levare lascia un po' questo senso di incompiuto.

She left me by the stairs She left  
me with my roses in my hand  
She ran away from me She ran  
so fast in the rain brought all those  
trees Cause I've got  
an empty space deep in my heart.  
And I've never done it before for anyone.  
One Deep

3

Chords

# Bells Aimed At All My Head

capo on 2<sup>nd</sup>

chords

outro

A hand-drawn illustration of a piece of wood or bark is positioned above the first measure of the guitar tabs. The tabs are arranged in a vertical stack, each with a different dynamic marking: **f**, **p**, **p**, **p**, and **p**.

**intro**

**verse**

**chorus**

♩ = 60

| intro | verse ×4 | chorus | intro | verse ×4 | chorus |  
 | intro | verse ×4 | chorus | intro ×2 | outro ||

# b6sH kM lIA tA bsmiA zlIsB

intro

verse She left me by the stairs  
 She left me with my roses ↗  
     in my hand  
 She ran away from me  
 She ran so fast in the rain ↗  
     through all those trees

chorus Cause I'd got an empty space ↗  
     deep in my heart  
 And I'd never done it before ↗  
     for anyone  
 One, deep  
 Deep in my heart

intro

verse She told me she was scared  
 She told me she had thought ↗  
     of me as a friend  
 She thought it was the same ↗  
     for me  
 She had fallen in love with me ↗  
     but she changed

chorus And I had this bunch of roses ↗  
     in my hand  
 I'd never wanted to feel what ↗  
     I felt  
 Bells aimed at all my head

intro

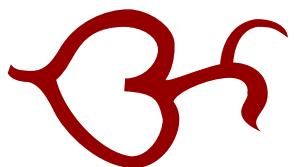
verse She came back to me  
 With all her wet blonde hair ↗  
     she started to kiss  
 I opened my hand down  
 The roses in my hand ↗  
     fell on the ground

chorus And I had this bunch of roses ↗  
     at my feet  
 And I had this kind of girlfriend ↗  
     kissing me  
 You, me and nothing else

intro x2 And nothing else  
 And nothing  
 And nothing  
 And nothing else...

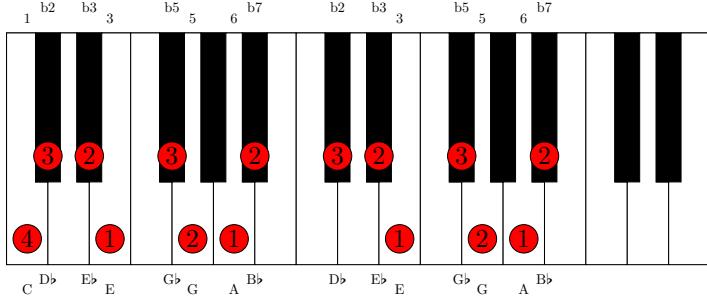
outro

# Packages



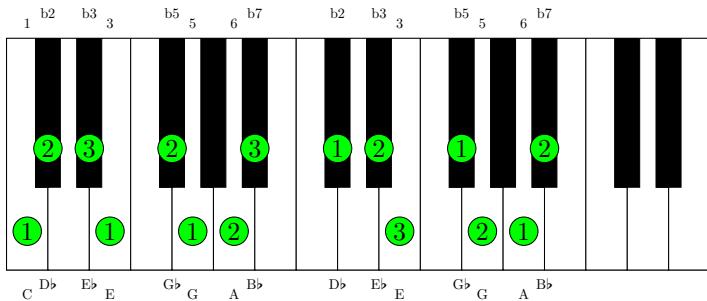
# Piano project

## 1 C Diminished Half-Whole (Left Hand)



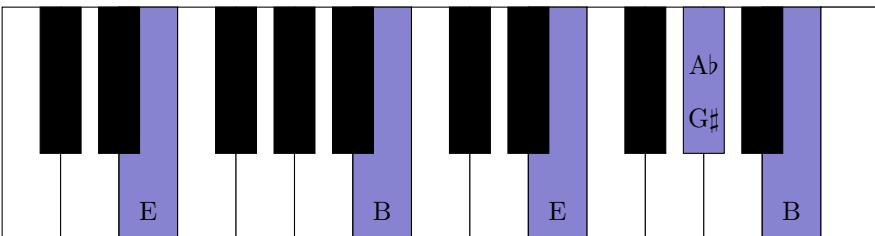
```
\hfill \break
\begin{piano}[LRHtop=R]{60}{88} \hfill \break
  \intervals[position = above]{60/1, 61/b2, 63/b3,
  64/3, 66/b5, 67/5, 69/6, 70/b7, 73/b2, 75/b3, 76/3,
  78/b5, 79/5, 81/6, 82/b7} \hfill \break
  \notes[position = below]{60/C, 61/Db, 63/Eb, 64/E,
  66/Gb, 67/G, 69/A, 70/Bb, 73/Db, 75/Eb, 76/E, 78/Gb,
  79/G, 81/A, 82/Bb} \hfill \break
  \LH[fill = red]{60/4, 61/3, 63/2, 64/1, 66/3, 67/2,
  69/1, 70/2, 73/3, 75/2, 76/1, 78/3, 79/2, 81/1, 82/2}
  \hfill \break
\end{piano} \hfill \break
```

## 2 C Diminished Half-Whole (Right Hand)

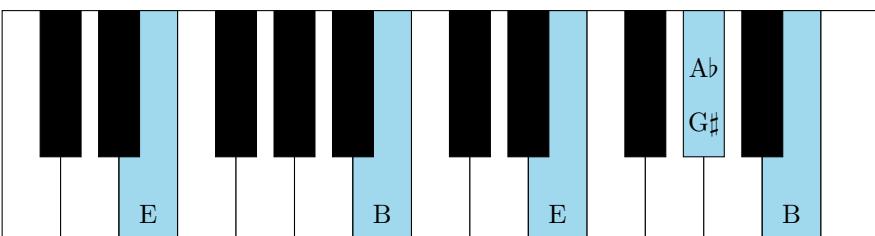


```
\hfill \break
\begin{piano}[LRHtop=R]{60}{88} \hfill \break
  \intervals[position = above]{60/1, 61/b2, 63/b3,
  64/3, 66/b5, 67/5, 69/6, 70/b7, 73/b2, 75/b3, 76/3,
  78/b5, 79/5, 81/6, 82/b7} \hfill \break
  \notes[position = below]{60/C, 61/Db, 63/Eb, 64/E,
  66/Gb, 67/G, 69/A, 70/Bb, 73/Db, 75/Eb, 76/E, 78/Gb,
  79/G, 81/A, 82/Bb} \hfill \break
  \RH[fill = green]{60/1, 61/2, 63/3, 64/1, 66/2, 67/1,
  69/2, 70/3, 73/1, 75/2, 76/3, 78/1, 79/2, 81/1, 82/2}
  \hfill \break
\end{piano} \hfill \break
```

Chord label: E  
Frets: 0-2-2-1-0-0

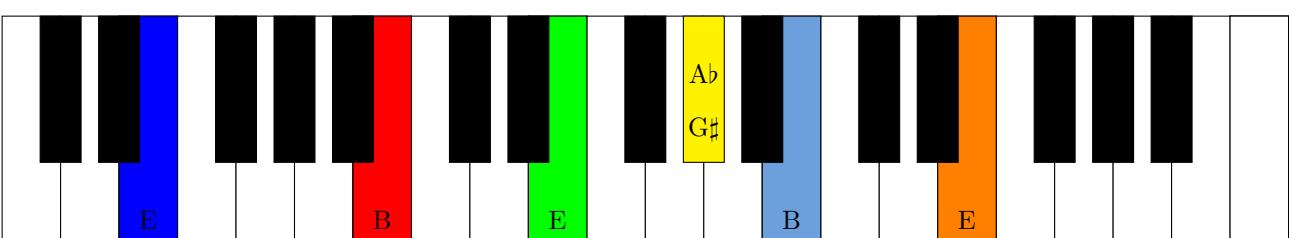


Chord label: E  
Frets: 0-2-2-1-0-0



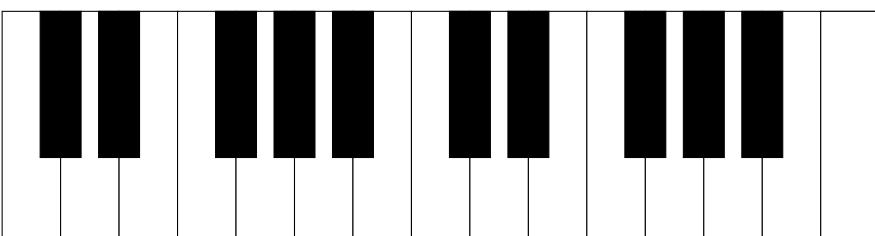
You can change also the color for each single key using the `Ecolor`, `Acolor`, `Dcolor`, `Gcolor`, `Bcolor`, `ecolor` options.

Chord label: E  
Frets: 0-2-2-1-0-0



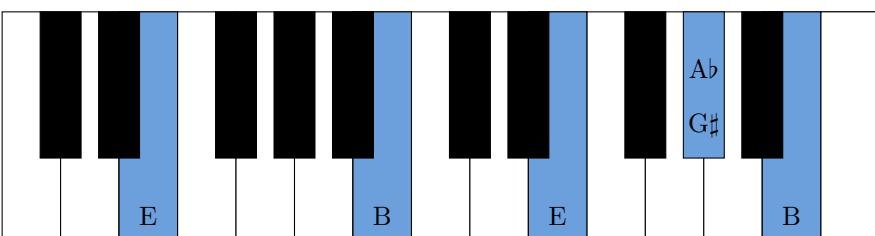
## 2.17 Labels

If no chord name is written, no labels will appear.



If the cord name is written, you can see both chord name and frets

Chord label: E  
Frets: 0-2-2-1-0-0



You can specify the intervals using `intervals` option.

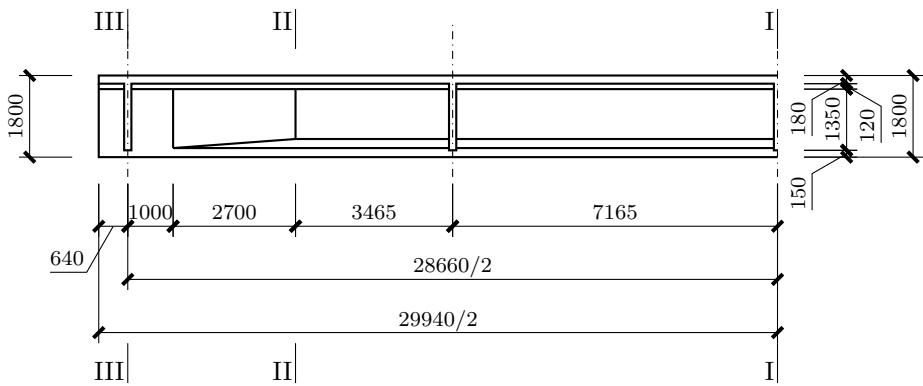
# 11 Elevation

## 11.1 Options

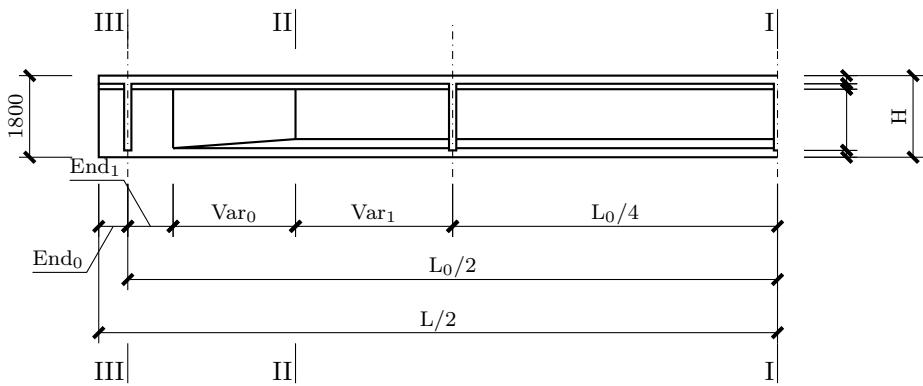
- `posx`: initial  $x$  position of right bottom node
- `posy`: initial  $y$  position of right bottom node
- `End0`:  $End_0$  length
- `End1`:  $End_1$  length
- `Var0`:  $Var_0$  length
- `Var1`:  $Var_1$  length
- `L`:  $L$  length
- `dimline`: when `on` shows dimension line
- `supportlabel`: when `on` shows I, II, and III
- `shownodes`: when `on` shows nodes name
- `showdimname`: if `on` will show the dimensions line name
- `showparameter`: if `on` will show the drawing parameters
- `varnames`: when `on` shows variables' name instead of dimensions
- `mirror`: when  $y$  prints the drawing on the right

The `genscope` environment can be used with the argument `elevation`.

## 11.2 Examples

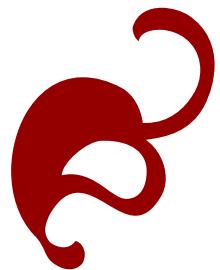


```
\begin{concretikz} [S=0.006mm]
\begin{elevation}{}
\dimline=on,
/supportlabel=on,
End0=640,
End1=1000,
Var0=2700,
Var1=3465,
L=29940,
\end{elevation}
\end{concretikz}
```



```
\begin{concretikz} [S=0.006mm]
\begin{elevation}{}
\dimline=on,
/supportlabel=on,
/varnames=on,
End0=640,
End1=1000,
Var0=2700,
Var1=3465,
L=29940,
\end{elevation}
\end{concretikz}
```

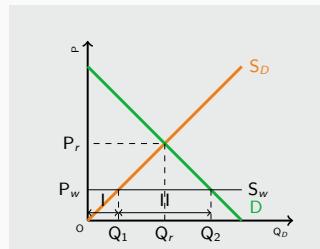
# Beamer presentations



## Trade

### Trade protectionism

### Trade protectionism

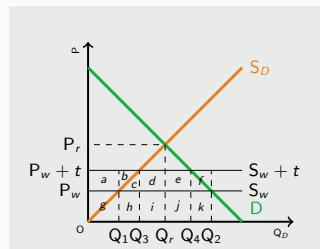


#### Market with free trade

- The product is produced domestically ( $S_0$ ) and imported ( $S_w$ )
- $S_w$  is a flat line because the demand in this small country won't affect price
- With free trade domestic producers will produce  $OQ_1$  (I)
- $Q_1Q_2$  will be imported (II)

5

### Trade protectionism

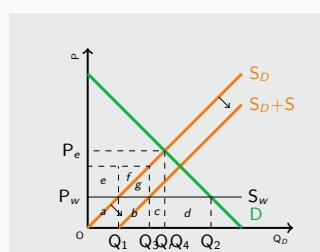


#### Tariff tax charged on imported goods

- World will shift upwards
- Market price is increased by the tax
- Import is reduced from  $Q_1Q_2$  to  $Q_3Q_4$ ; foreign producer revenue is  $d + e + i + j$  minus the tax of  $d + e$ , so  $i + f$  in total
- Domestic production increases from  $OQ_1$  to  $OQ_3$ ; revenue increases from  $g$  to  $a + b + c + g + h$
- $d + e$  represents government revenue
- Welfare loss of  $c + f$

5

### Trade protectionism



#### Subsidy sum of money given to producers

- Subsidy will increase production so  $S_0$  shifts to the right
- Domestic production increases from  $OQ_1$  to  $OQ_3$ ; revenue increases from  $a$  to  $a + b + e + f + g$  ( $e + f + g$  is the subsidy)
- Import decreases from  $Q_1Q_2$  to  $Q_3Q_2$
- Foreign revenue decreases from  $b + c + d$  to  $c + d$
- $e + f + g$  is government spending on subsidy
- $g$  represents the welfare loss

5

## Postura seduta

Nozioni generali

### Osservare

- ① Bacino sul piano frontale
- ② Bacino sul piano laterale
- ③ Bacino sul piano sagittale
- ④ Arti inferiori

### Perché

Un'anca più alta dell'altra

## Postura seduta

Nozioni generali

### Osservare

- ① Bacino sul piano frontale
- ② Bacino sul piano laterale
- ③ Bacino sul piano sagittale
- ④ Arti inferiori

### Perché

Antiversione  
Retroversione

## Postura seduta

Nozioni generali

### Osservare

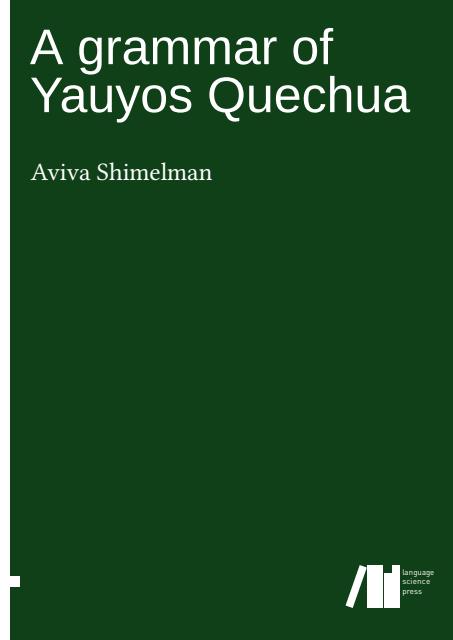
- ① Bacino sul piano frontale
- ② Bacino sul piano laterale
- ③ Bacino sul piano sagittale
- ④ Arti inferiori

### Perché

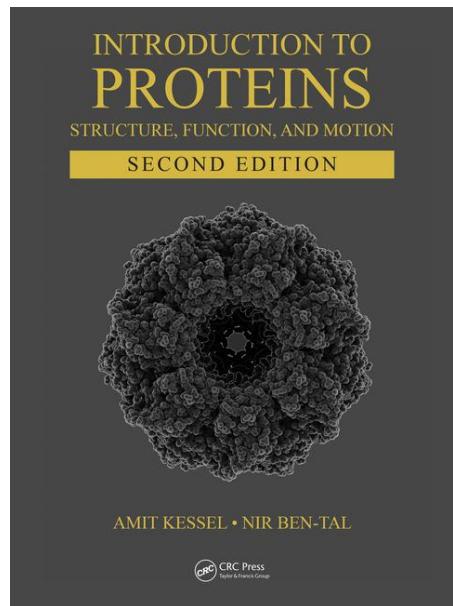
Un'anca più avanti dell'altra

# Printed books

*A grammar of Yauyos Quechua*  
by Aviva Shimelman  
Language Science Press



*Introduction to Proteins:  
Structure, Function, and Motion*  
Second Edition  
by Amit Kessel and Nir Ben-Tal  
Chapman and Hall/CRC



# Magazines and Study Guides

*LED Professional Magazine*  
<https://www.led-professional.com>



*IB Academy Study Guides*  
<https://www.ib.academy>



# Active collaborations

IB Academy



Luger Research

LUGER RESEARCH  
Institute for Innovation & Technology

Run My Accounts



Silicon Prairie Portal & Exchange



Simo Publishing

**SI** **MO**

The logo for Simo Publishing features the letters 'SI' and 'MO' in a bold, black, sans-serif font. Between the 'I' and the 'M', there is a small, stylized icon that appears to be a graduation cap or a book with a pencil through it.

# Past collaborations

## Strategic Blue

### Recommendations

#### Received



**James Mitchell**

CEO at Strategic Blue,  
financial adaptor for cloud  
May 9, 2018, James was a client  
of Elio Arturo's

Elio created quite a sophisticated LaTeX template for us to use for a production system. He was able to produce something far more advanced, an professional, than what I was able to do myself (I wrote my PhD thesis in LaTeX), in a turnaround time that was, frankly, astonishing. He has continued to be very supportive and responsive for any tweaks we have requested since.

Shape, BMLL, and many others...

Active on UpWork.com and Freelancer.co.uk

Open to new collaboration one time only, short period, and long term



# Type of collaborations

Help with thesis, master thesis, documents, CV, ...

IEEE and other template adaptations

Book publishing adaptations

Conversion from MSWord (.doc) to L<sup>A</sup>T<sub>E</sub>X 2<sub>&</sub> (.tex)

BibT<sub>E</sub>X research and coding

TikZ graphs, diagrams, flowcharts, and design

Template (class) creation

Packages creation

Document layout

Document creation

Document and report creation from database entries

Beamer presentations

pdflatex/xelatex

Account on Overleaf, GitHub, and BitBucket



# A collection of feedbacks\*

Rule #1:

Use whatever Elio recommends.

Rule #2:

Don't forget rule #1.

Blaise Pabon

\* From personal messages, LinkedIn, UpWork.com and Freelancer.co.uk transcribed verbatim

“Great help from Elio! I will surely ask him for help again.”

“Elio completed the conversion of a technical document from word to LaTeX. He completed the work extremely efficiently, and I was very pleased at all the extra suggestions he made and completed to make the document look as professional as possible. I highly recommend Elio and would have no hesitation in working with him again.”

“Working with Elio was a very pleasant experience and I can highly recommend him for any LaTeX typesetting challenges and complex TikZ drawings. My project had a very tight deadline and he delivered on time and provided me with a great result. Great communication throughout the duration of the project. I will work with him again.”

“He is a Latex Jedi.”

“Elio was great to work with. He is very knowledgeable about LaTeX, gave a quality product, was friendly, and was very fast in completing the task. I would definitely work with him again or recommend him to my friends and colleagues.”

“Best Latex expert with a great communication skills. I highly recommend him and I will keep using him. Thank you so much for the best latex edit.”

“A wonderful latex expert! He did not just complete the work successfully but also answer my questions patiently. I highly recommend him.”

“Elio is an expert on LaTeX and Overleaf. He did a great job formatting an article including the bibliography and a few tables and setting the template to a standard one and in an even shorter time span than I had expected. I definitely plan to work with Elio again in the future!”

“I’ve said it again and will say again.  
Will keep working with Elio. Awesome  
for LaTex”

“Elio is excellent with LaTeX and really blends functionality with design. We were on a tight deadline, his communication was of a very high standard and we have no hesitation in recommending him. Thank you for a really well delivered project. I hope we can work with you again soon.”

“Working with Elio has helped me in so many ways: Elio is clever and has an intimate knowledge of LaTeX, he has attention for detail and a feeling for what looks good, he is able to solve problems before they even come to your attention. Elio loves LaTeX. He is also funny, easy to talk to and overall a great guy - just a pleasure.

Finally, he’s worked mostly manual hours (not time logged in the work diary) and he has always logged very modest amounts of hours. Elio is extremely reliable and will never overcharge, if anything he undercharges.

He’s been the best freelancer experience that I have had, and I will continue to work with Elio for a long time!”

“Elio’s great! Highly recommend. Thoughtful, prompt, and skilled!”

“Thank you Elio.”

“I needed Elio’s expertise in Latex for converting a bunch of lyx file into dissertation latex with strict template. I had many big tables and Elio was able to change all of them nicely to fit within the margins.

Since this was an important job, I hired 2 other upwork workers besides Elio. The other two weren’t able to deliver what I needed. Elio delivered what I needed in less than half the time the other people took and delivered 100%! Where other two highly rated latex experts failed, Elio succeeded.

He really cares a lot about the work. THE BEST UPWORK person I’ve ever worked with!

HIRE THIS GUY!”

“It’s not standard to work with such experts”

“Elio is the most thorough, meticulous and pleasant consultant I have worked with during my twenty-six years in the IT business. His work is of astonishing quality, exceeding my most ambitious expectations.”

“Excellent work! Accurate, fast and even took initiative to make improvements not included on the original task. I am very happy to find someone who is genuinely interested in the quality of their work. Will certainly use again. Thank you.”

“Elio was excellent; he created a TikZ image based on a .png I sent him. I needed a few versions (i.e. with different elements selected). Elio implemented this as two function calls, one to plot and one to highlight, that allowed me to make minor adjustments (i.e. to the color scheme) to all of the figures at once (i.e. by tweaking parameters in the function) as I’ve further iterated on the slide deck. Furthermore, I posted this request on my way out of the office in the hopes of having a solution before the morning. Elio had the deliverable in my inbox within an hour. 10/10.”

“Fantastic project!”

“Elio was great to work with. He is very skilled in LateX, and he also had the right musical knowledge to help me with formatting my book with piano diagrams. I’d hire him again.”

“Elio is extremely helpful and the results of his work are very good.”

“Was an absolute pleasure to work with Elio. He was extremely professional and knows his stuff. Would highly recommend him.”

“Elio is fantastic, competent and really does all he can to get the result I want”

“Elio is excellent in his work-Very prompt and highly efficient. He adds a personal touch to work, and that is something rare to find nowadays. It was such a pleasure to work with him. I would highly recommend him. Elio surprised me with his excellence. Thank you so much”

“Just Amazing, if Need to hire someone, I will not be hesitated to hire him again.”

“Fast delivery on Latex TIKZ project.”

“another successful job!!! will hire again.”

“Elio was once again fantastic. He is a real pleasure to work with and very communicative, and will always offer helpful suggestions for project improvement beyond what I expected! A\*”

“100% amazing. 5 stars. \*\*\*\*\* Elio was very communicative and very easy to talk to about the project. He put in a lot of time and went above and beyond what I expected. He offered advice on the content of my work and this was very helpful, even thought this was not part of the work I expected him to do. He was able to accommodate my needs and asking him to make changes when I changed my mind on something was very easy. I am already certain that I will be using Elio again in the future for my work and I would highly recommend other people hire him. Also, it was nice to get to know Elio as he is a very nice person.”

“Elio did everything I asked and more. My original brief changed a couple of times through the project and Elio evolved with the project and made sure my vision was realised.”

“Elio is great to work with. He’s a very strong LaTeX coder, and he’s communicative, fast, and quite good at explaining the behavior of new TeX code.”

“Elio was great to work with. He was able to communicate clearly and deliver the task as expected. I would certainly work with him again and would highly recommend him for any LaTeX work!”

“Elio was a great LaTeX programmer and demonstrated incredible knowledge with respect to copyediting and academic conventions. He embodied a very co-operative attitude throughout and was genuinely interested in helping. I would not hesitate to recommend him to anyone in the Upwork community!”

“As always, great.”

“Elio completed the job quickly and in less time than I expected the job to take. His work was very high quality, and he communicated with me very well throughout the process. He gave an accurate idea of when the work would be completed, which was very appreciated, and he let me know which phase of the project he was working on along the way.”

“Elio Arturo Farina solved our problem immediately and did a great job of explaining where was the origin of the error. Thank you very much, Elio!”

“Very competent and good to work with. Very responsive and flexible.”

“Would definitely hire Elio again for anything Latex related!”

“Elio was really great to work with. He is a true LaTeX expert! Highly recommended.”

