

# Chapter G:I

## I. Style Guide

- ❑ First Steps
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- ❑ Latex Hints
  
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# Lecturenotes Figures

## Adobe Illustrator

- ❑ Start the creation of a new figure with the [empty-slide.ai](#) template, which specifies media size, fonts, and color scheme.
- ❑ Line thickness.
  - 0.75pt standard.
  - 0.5pt in subfigures and as border of filled areas.
  - 0.25 in snapshots.
  - 1pt for grayed-out lines. Gray 40 percent.

Helvetica. Size definitions in size17r.clo:

`\large = Helvetica 21pt`  
`\normalsize = Helvetica 17pt`  
`\small = Helvetica 14pt`  
`\footnotesize = Helvetica 12pt`  
*regular · oblique · bold · bold oblique*

Latin Modern Math (Latex):  
*abcdefghijklmnopqrstuvwxy*  
*ABCDEFGHIJKLMNPOQRSTUVWXYZ*  
*αβγδεζηθικλμνξοπρστυφχψωδεθιφρω*  
***αβγδεζηθικλμνξοπρστυφχψωδεθιφρω***  
 ΓΔΘΛΞΠΣΥΦΨΩ  
**ΓΔΘΛΞΠΘΣΦΨΩ**  
 ΝΥΣΣΕΕϵ∇¬∧∨⇔⇒  
 Σ({})/∧

ZapfDingbats (ITC, Adobe):  
 → → → →  
 ✓ ✕ ✕  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

Computer Modern cmsy (Latex):  
*CALIGRAPHIC*  
*CALIGRAPHIC*

Symbol IMT:  
 αβγδεφγηηφκλμνοπθρστυωξψζ  
 ΔΦΓΛΠΘΣΩΞΨ  
 ΝΥΣΣΕΕϵ∇¬∧∨⇔⇒Σ

Math super- and subscripts hints:  
**14 + 10 subscript (-3pt baselineshift)**  
**12 + 9 subscript (-3pt baselineshift)**  
 9 + 7 subscript (-2pt baselineshift)  
 7 + 6 subscript (-1pt baselineshift)

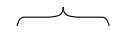
Helvetica style:

$$(\mathbf{w}^T \mathbf{x}) = \sum_{j=0}^p w_j x_j$$

Latex style:

$$(\mathbf{w}^T \mathbf{x}) = \sum_{j=0}^p w_j \cdot x_j$$

Elements:



	Area	Text/Line	Latex dark	Pattern	
Blue	211 248 247	144 215 222     104 180 194	58 145 165     21 106 130	3 66 87	
Green	230 248 184	158 217 119     98 186 97	52 152 80     18 117 62	2 82 43	
Red	255 223 219	255 171 158     255 111 82	230 71 39     158 55 35	91 24 27	
Purple	245 222 252	214 172 250     187 134 243	153 81 230     109 52 167	62 35 93	
Yellow	255 216 125	255 198 64     232 160 29	199 136 36     161 102 40	131 83 39	
Gray	242 242 242	204 204 204     166 166 166	128 128 128     89 89 89	51 51 51	

16:9  
 3:2  
 (A4 landscape) 17:12  
 4:3