

Chapter 1

Sample Chapter

1.1 Text

We recommend using Computer Modern Roman (CMR), Times, or any serif typeface with math support, e.g., as listed in this catalogue, <http://www.tug.dk/FontCatalogue/mathfonts.html>. However, before changing from the default CMR, please inform our desk editor about your font choice.

Normal:	The quick brown fox jumped over the lazy dog. 0 1 2 3 4 5 6 7 8 9
Boldface:	The quick brown fox jumped over the lazy dog. 0 1 2 3 4 5 6 7 8 9
Italics:	<i>The quick brown fox jumped over the lazy dog.</i> <i>0 1 2 3 4 5 6 7 8 9</i>
Bolditalic:	<i>The quick brown fox jumped over the lazy dog.</i> <i>0 1 2 3 4 5 6 7 8 9</i>
Typewriter:	The quick brown fox jumped over the lazy dog. 0 1 2 3 4 5 6 7 8 9
Sanserif:	The quick brown fox jumped over the lazy dog. 0 1 2 3 4 5 6 7 8 9

1.2 Math

$\alpha, \beta, \gamma, \Gamma, \pi, \Pi, \phi, \varphi, \mu, \Phi, \forall x \in X, \exists y \leq \epsilon, (a), [b], \{c\}, |d|, \|e\|, \langle f \rangle, \lfloor g \rfloor, \lceil h \rceil, \lceil i \rceil$

$$\mathbf{B}(P) = \frac{\mu_0}{4\pi} \int \frac{\mathbf{I} \times \hat{r}'}{r'^2} dl = \frac{\mu_0}{4\pi} I \int \frac{d\mathbf{l} \times \hat{r}'}{r'^2}$$

Note: Before changing from the default CMR, make sure the newly selected font supports enough weights and symbols to meet all your typographic needs.