

Corrections and emendations (as of 30jun07) for  
*A Practical Guide to Splines (revised edition)*  
 by Carl de Boor

Each emendation is preceded by an ‘e’.

All items are of the form

$a/b/c$ : A --> B [C]

meaning that, on **page**  $a$ , in **paragraph** or **item**  $b$ , in **line**  $c$ , the text A should be changed to the text B, with C an additional comment. A negative paragraph number  $b$  or line number  $c$  indicates a count from the bottom (of the page or the specified paragraph). For example, vi/4/-1 = vi/-3/2 ends in ‘text.’ Comments are rare; a missing B means that the text A is to be omitted; a missing A means that the text B is to be inserted.

34//1:  $\|\hat{\beta}\| \rightarrow \|\hat{\boldsymbol{\beta}}\|$

37//1:  $\|\hat{\alpha}\| \leq 3\|\hat{\beta}\| \rightarrow \|\boldsymbol{\alpha}\| \leq 3\|\hat{\boldsymbol{\beta}}\|$

38/problem 5./-2:  $\sqrt{x} \rightarrow \sqrt{|x|}$

38/problem 5./-1: faster --> no faster

42(9)/denominator:  $\Delta\tau_{i+1} \rightarrow \Delta\tau_{i-1}$

43(13)/RHS: + --> -

65//4:  $1, \dots, n-1$ , with -->  $0, \dots, n$ , with  $\tau_0 = \tau_1$  and  $\tau_{n+1} = \tau_n$ , hence

66/Problem 5./1: V(21) --> V(20)

66/Problem 5.(c)/3:  $\|\hat{\mathbf{E}}'_4\| = \rightarrow \|\hat{\mathbf{E}}_4^{(4)}\| =$

66/Problem 5.(c)/-1: V(21) --> V(20)

89/-2/2:  $(\cdot - t_{j+1})_+^0 - (\cdot - t_j)_+^0 \rightarrow (t_{j+1} - \cdot)_+^0 - (t_j - \cdot)_+^0$

212/10 P = 1./: [insert below it the statement: SIX1MP = 0.]

212/20 P = 0./: [insert below it the statement: SIX1MP = 6.]

212/SIX1MP = 6./(1.+Q)/: [move this line to right after the line 59 P = ...]

268//3:  $s_i - [\tau_i, \tau_{i+1}]f$  and  $s_{i+1} - [\tau_i, \tau_{i+1}]f \rightarrow s_i\Delta\tau_i - \Delta f_i$  and  $s_{i+1}\Delta\tau_i - \Delta f_i$

Answers to specific problems (at the end of chapters) are available upon reasonable request.