

ERRATA for *Introduction to Composite Materials Design – Third Edition*

Ever J. Barbero, CRC Press (2018), ISBN 978-1-138-19680-3, Updated: January 15, 2019

In addition to corrections for typos, this file includes comments that attempt to clarify and enhance the existing content in the book as well as highlight new code and examples as they become available in the Website.

Page, Sect.	Where it reads ...	Correction ...
32, Table 1.3, F_{1c} , AS4/3502	992.73	1406.5
33, Table 1.4, T300/914-C	$tr(Q)$, G'	$tr(Q) = 160.9$, $G' = 30.4$
36, Table 1.10	AS4 12K/3502-6	AS4 12K/3502
36, T. 1.10, F_6 , AS4/3502@121C	71,016	71.016
36, T. 1.10, F_{1t} , T650-35/976@ 121C	772,217	1461.7
36, T. 1.10, F_{2c} , T650-35/976@ 121C	71.7	113.1
(new) 68, after (2.6)	where m is the moisture content	where m is the percent moisture content
169, Ex. 5.7		see [1]
170, Ex. 5.8		see [2]
191, Ex. 6.3, Solution, para. 3	$E_1 = 4500$ MPa	$E_1 = 45000$ MPa
191, Ex. 6.3 (3X)	MPa mm ³	10 ⁶ MPa mm ³
218, last line inside the box	1398	1378
219, Ex. 6.10, E_1	$2.495 \times (1 - 0.45)$	$2.495 \times (1 - 0.55)$
219, Ex. 6.10, ν_{12}	$0.38 \times (1 - 0.45)$	$0.38 \times (1 - 0.55)$
(new) 244, 2nd paragraph, line 7	called in situ strength values F_{2c}^k ...	called in situ strength values F_{2t}^k ...
225, Problem 6.40	Compute...	Using the strains from Problem 6.39, compute...
504, (A.6)	$C_{44} = C_{44}^* = \frac{1}{2}(C_{22} - C_{23})$	$C_{44} = \frac{1}{2}(C_{22} - C_{23})$

Page, Sect.	Where it reads ...	Correction ...
12, Sol.Ex.1.3, p.12, 1st eq.	P (twice, on 1st & 2nd terms on R.H.S.)	Π
12, Sol.Ex.1.3, p.12, 2nd eq.	B	b
244, 2nd paragraph, line 7	called in situ strength values $F_{2c}^k...$	called in situ strength values $F_{2t}^k...$
280, Problem 7.21	Estimate the strains to ... and eq. (7.8).	Strains to failure are given in Table 1.3

Please **post** questions and corrections to:

<https://groups.yahoo.com/neo/groups/cadec2000/info>

Bibliography

[1] http://barbero.cadec-online.com/icmd/source-code/examples/chapter_5/

[2] http://barbero.cadec-online.com/icmd/source-code/examples/chapter_5/