ERRATA for
Introduction to Composite Materials Design – Third Edition

Ever J. Barbero, CRC Press (2018), ISBN 978-1-138-19680-3, Updated: July 26, 2021

For questions, comments, corrections contact the author,
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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
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
102, sect. 3.10.1, line 4		this textbook, the warp direction is denoted as y-direction (Chapter 9).
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}	$0.38 \times (1 - 0.45)$	$0.38 \times (1 - 0.55)$
225, Problem 6.40	Compute...	Using the strains from Problem 6.39, compute...
244, 2nd paragraph, line 7	called in situ strength values F^k_{2c}...	called in situ strength values F^k_{2t}...
280, Problem 7.21	Estimate the strains to ... and eq. (7.8).	Strains to failure are given in Table 1.3
304, paragraph 2, line 8-9		tows laid down in one direction (usually the lamina x-direction) are called fill (weft) and the perpendicular tows are called warp, the latter aligned with the

Page, Sect.	**Where it reads ...**	**Correction ...**
372, eq. 10.44		$\tan\theta = (EI_{yG} - EI_{\eta})/EI_{yGzG}$
372, after eq. 10.44		inplemented using $atan2((EI_{yG} - EI_{\eta}), EI_{yGzG})$ to avoid possible division by zero.
504, (A.6)	$C_{44} = C^*_{44} = \frac{1}{2}(C_{22} - C_{23})$	$C_{44} = \frac{1}{2}(C_{22} - C_{23})$

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/