

ERRATA: June 2025

Fiber Reinforced Cement and Concrete Composites

2018, first printing.

Antoine E. Naaman, University of Michigan

ISBN: 978-0-9674939-3-0.

As of 2025, the initial publisher, Techno Press 3000, has closed business. You will be able to buy the book and/or download a pdf file of the latest Errata from www.foxpointprinting.com.

ERRATA:

1. Page 29, Table 1.2, bottom part, first line: read **HDPE** instead of **HPPE**
2. Page 105, 4th line, read: 1% instead of 2%
3. Page 167, Section 3.8.3.1, 3rd paragraph, second line: read “two of them did not fail at 5 million cycles.”
4. Page 181, 3rd paragraph, line 10, read: “better than C3...”
5. Page 197, Figure 4.13b, read in the caption: $f = \frac{3FL}{2bh_{sp}^2}$ instead of $f = \frac{3FL}{bh_{sp}^2}$
6. Table 4.1, first column, cells 2, 3, and 4, read name: Visalvanich
7. Page 222, second line from bottom, read: “from which using the numerical value of $\xi = 1/2$ we get: ”
8. Page 232, Equation (4.44), read: $(2\mu_A - 1)$ instead of $(2\mu_G - 1)$
9. Page 247, Figure 5.3, second box extreme right, read: PERFORMANCE,
10. Page 262, 3rd paragraph, second line, read: “either reinforced with...”
11. Page 281, Section 5.9.3, 3rd line, read: “a RC shear ...”
12. Page 294, first paragraph, first line, read: “relationship for FRC confirmed...”
13. Page 294, first paragraph, fourth to sixth line, read: “while Fig. 5.53 illustrates for the 12.5 mm bar the unidirectional cyclic response under imposed increments of slip. Figure 5.54 ...”
14. Page 294, last line, read: “9 MPa.” instead of 10 MPa
15. Page 336, Figure 6.7, read for the vertical axis: “Possible Volume Fraction of Fibers, V_f ”
16. Page 379, fifth line, read: “[Refs. 7.5, 7.6 and ..”
17. Page 379, 3rd paragraph, last line, read: “3D” instead of 2D...
18. Page 383, Table 7.4, under N_v/in^3 , third cell: read 16.39 instead of 16.69

19. Page 383, at bottom of Table 7.4, after “denier count” add “(see Section 7.5.1).”
20. Page 401, 3rd and 4th paragraphs, replace “(Eq. 6.4)” by “Eq. 7.44)” in 3 places.
21. Page 402, Table, read: Table 7.6 ... instead of 7.7 ...
22. Page 460, first paragraph, replace “Chapter 11” by “Chapter 12” in two places
23. Page 495, first paragraph. Add at the end of the sentence: “This will also be the case likely for most synthetic fibers.”
24. Page 586, first paragraph, second line: replace “nominal” by “normalized nominal”...
25. Page 599, third paragraph, second line: replace “to account...” by “To account...”
26. Page 636. Last line of Section 13.3.4, read: “as follows assuming $0 \leq S \leq L_e / 2$:
27. Page 637. In the captions in Figure 13.8, correct equations as follows:
 $\tau_{av}(S) = P_{av}(S) / \psi S$ and $\tau_{eq} = P_{eq} / (\psi L_e)$. Note: P(S): means P as a function of S.
28. Page 638, first paragraph, first line: add “(S_{max})” after “S” ...
29. Page 666, after Figure 13.40, add new subsection with section title: **“Number of Fibers Pulling-Out per Unit Area.”**
30. Page 699, end of title of Figure 14.1, read “[14.27 to 14.29]” instead of “[14.26 to 14.28]”...
31. Page 700, end of title of Figure 14.2, read “[14.30]” instead of “[33]”...