Errata for

Fundamentals of Fiber Orientation

http://github.com/charlestucker3/Fundamentals-of-Fiber-Orientation-errata

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If you find additional errors, please send them to ctucker@illinois.edu so that they can be included here.

Chapt. 8. Mechanical Properties and Orientation

The example calculation in Section 8.4.5 for the stiffness of a layered structure states that the long glass fiber/PP composite has 40% by weight of fibers. However, the calculations in Fig. 8.6(c) and Table 8.4 actually used 30% by weight. The correct figure should look like this:
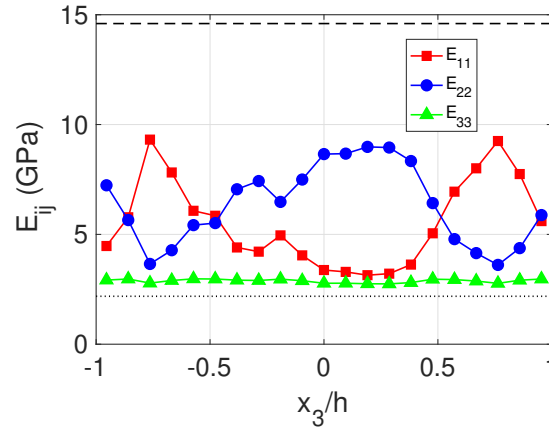

Fig. 8.6(c) Stiffness, 40 wt.% long glass fiber/PP

The correct table should read:

Table 8.4 Predicted tensile and flexural moduli for the two injection molded samples in Fig. 8.6.

	E_{11} (GPa)	E_{22} (GPa)
30 wt.% short glass fiber/PC		
Tensile	8.04	4.02
Flexural	8.51	3.75
40 wt.% long glass fiber/PP		
Tensile	5.59	6.38
Flexural	6.58	5.42