

Corrigendum

Increased piezoelectric response in functional nanocomposites through multiwall carbon nanotube interface and fused-deposition modeling three-dimensional printing – CORRIGENDUM

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doi: <https://doi.org/10.1557/mrc.2017.126>, Published by Materials Research Society with Cambridge University Press, 8 November 2017

In Kim et al.,¹ a calculation error was made in the piezoelectric coefficient d_{31} for 3D printed MWCNT/BT/PVDF nanocomposites. Output millivolts were used instead of volts in the equation to get the final d_{31} , so all values of d_{31} should be divided by 1000 to get the correct values. A detailed list of corrections follows:

Abstract, line 5: the value 129 pC/N should be 0.13 pC/N. The sentence beginning “Measured d_{31} of 3D printed. . .” should be deleted.

Page 5, right column, paragraph 2, line 7: the values 0.22 to 57.6 pC/N should be 0.002 to 0.058 pC/N.

Page 5, right column, paragraph 2, line 13: the values 21.8 (0 wt %BT) to 129 pC/N (18 wt%BT) should be 0.022 (0 wt%BT) to 0.13 pC/N (18 wt%BT).

Page 5, right column, paragraph 2, line 14: the sentence beginning “The measured d_{31} of the nanocomposites is comparable. . .” should be deleted.

Page 7, left column, paragraph 1, line 6: the value of 129 pC/N should be 0.13 pC/N.

Figure 3 is corrected below.

The authors regret these errors.

Reference

1. H. Kim, F. Torres, M.T. Islam, M.D. Islam, L.A. Chavez, C.A. Garcia Rosales, B. R. Wilburn, C.M. Stewart, J.C. Noveron, T.-L.B. Tseng, and Y. Lin: Increased piezoelectric response in functional nanocomposites through multiwall carbon nanotube interface and fused-deposition modeling three-dimensional printing. *MRS Communications* (2017). <https://doi.org/10.1557/mrc.2017.126>

