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Enhanced piezoelectric properties of off-stoichiometric strontium bismuth tantalate $\text{Sr}_{0.8}\text{Bi}_{2.2}\text{Ta}_2\text{O}_9$ ceramics

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The above article was published with the errors in the piezoelectric constants (d_{33} , d_{31} , d_{15}) of $\text{S}_{0.8}\text{B}_{2.2}\text{T}$ ceramics in main text of p. 133 and Table 3 of p. 134. The article showed that the d_{33} , d_{31} , and d_{15} values are 10.8, 5.2, and 6.0 pC/N in the main text and 6.0, 13.0, 10.2 pC/N in Table 3, respectively. The correct piezoelectric constants are $d_{33} = 13.0$, $d_{31} = 6.0$, and $d_{15} = 10.2$ pC/N, respectively. The readers can obtain these values by the relevant equations [1] using the electromechanical coupling factors in Table 2 and dielectric, elastic constants in Table 3. The authors regret this oversight.

REFERENCES

- 1 B. Jaffe, W. R. Cook, H. Jaffe, *Piezoelectric Ceramics* (Academic Press Inc., New York, USA 1971) p. 289

Appl. Phys. A **81**, 131 (2005)
DOI 10.1007/s00339-004-3073-x
Published online: 18 November 2004

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The online version of the original article can be found at
<http://dx.doi.org/10.1007/s00339-004-3073-4>