

Hybrid polymer/sol-gel waveguide modulations with exceptionally large electro-optic coefficients

Y. ENAMI, C. T. DEROSE, D. MATHINE, C. LOYCHIK, C. GREENLEE, R. A. NORWOOD, T. D. KIM, J. LUO, Y. TIAN, A. K.-Y. JEN AND N. PEYGHAMBARIAN

Nature Photonics **1**, 180–185 (2007)

In the above article, the authors wish to correct the sentence on page 182, column 1, line 6 that begins “The volume conductivity...”, so that it reads:

The current flow through a 12- μm -thick sol-gel cladding layer was measured against temperature and rendered as an Arrhenius plot (see our other work, ref. 4), giving 1.0 μA for applied voltages of 400 V and 600 V and a poling temperature of 135 °C. This indicated that the conductivity of the sol-gel was significantly larger than the EO polymer, when a poling field of 50–95 $\text{V } \mu\text{m}^{-1}$ was applied to a single EO polymer film at the poling temperature.