

Analysis of silica-filled slot waveguides based on hyperbolic metamaterials: erratum

Evgeny G. Mironov,^{1,*} Liming Liu,¹ Haroldo T. Hattori,¹ and Richard M. De La Rue²

¹*School of Engineering and Information Technology, UNSW Australia, Canberra, ACT 2610, Australia*

²*Optoelectronics Research Group, School of Engineering, The University of Glasgow, Glasgow, G12 8QQ, Scotland, UK*

*Corresponding author: evgeny.mironov@student.adfa.edu.au

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In this erratum we have replaced the wrong figures and corrected several misprints that were found in our recently published paper [J. Opt. Soc. Am. B **31**, 1822 (2014)]. © 2014 Optical Society of America

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We have found that there were errors in the field plots that appeared in our recently published paper [1]. The electric-field distributions presented in Figs. 11(a)–11(c) had a scale bar with misleading geometrical dimensions, and the lateral slab regions of the slot waveguide (as denoted by black outline rectangles) were wrongly positioned. Figures 11(a)–11(c) in that paper should be replaced by Figs. 1(a)–1(c) presented here.

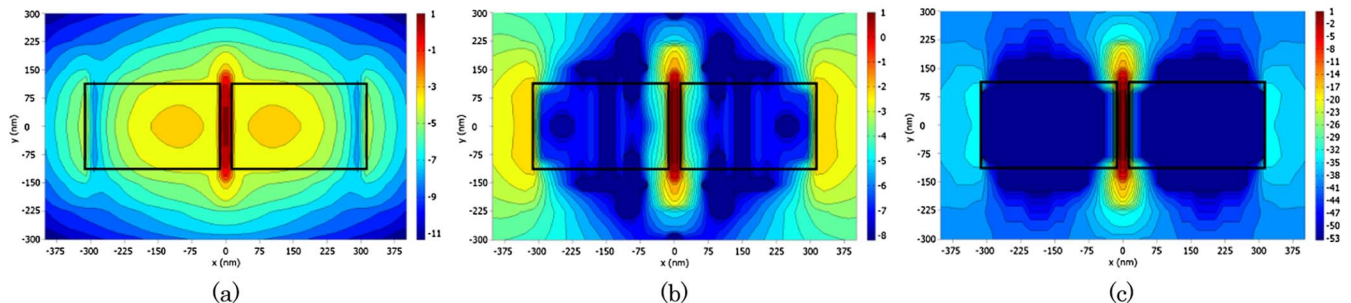


Fig. 1. (a) Normalized E_x profile on base-10 logarithmic scale for the 0 nm/25 nm silver/silicon layer thickness ratio situation. (b) Normalized E_x profile on base-10 logarithmic scale for the 15 nm/10 nm silver/silicon layer thickness ratio situation. (c) Normalized E_x profile on base-10 logarithmic scale for the 25 nm/0 nm silver/silicon layer thickness ratio situation.

Additionally, the reference numbers in the first two paragraphs of the Section 4 on page 1825 should be modified as follows:

- (1) [37] should be replaced by [38];
- (2) [38] should be replaced by [39];
- (3) [39] should be replaced by [40].

REFERENCE

1. E. G. Mironov, L. Liu, H. T. Hattori, and R. M. De La Rue, "Analysis of silica-filled slot waveguides based on hyperbolic metamaterials," J. Opt. Soc. Am. B **31**, 1822–1828 (2014).