



Linear and nonlinear optical characterization of self-assembled, large-area gold nanosphere metasurfaces with sub-nanometer gaps: errata

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Abstract: We correct a nomenclature error for the plasmon ruler equation used to fit the simulation data in Fig. 2(d) [Opt. Express **24**, 27360 (2016)].

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OCIS codes: (250.5403) Plasmonics; (160.3918) Metamaterials; (310.6860) Thin films, optical properties; (240.2130) Ellipsometry and polarimetry; (240.4350) Nonlinear optics at surfaces.

References and links

1. J. Fontana, M. Maldonado, N. Charipar, S. A. Trammell, R. Nita, J. Naciri, A. Pique, B. Ratna, and A. S. L. Gomes, "Linear and nonlinear optical characterization of self-assembled, large-area gold nanosphere metasurfaces with sub-nanometer gaps," Opt. Express **24**(24), 27360–27370 (2016).

After the manuscript was published [1], we found an error in the nomenclature used to describe the plasmon ruler equation, $y = ae^{-(x/b)} + c$. The correct expression is $y = a + be^{-(x/c)}$, where $a = 618\text{nm}$, $b = 460\text{nm}$, $c = 0.550\text{nm}$ are for the metasurface (solid red line in Fig. 2(d)) and $a = 571\text{nm}$, $b = 245\text{nm}$, $c = 0.474\text{nm}$ are for the dimer (solid purple line in Fig. 2(d)). All of the conclusions of the manuscript are unchanged by this correction.