

**Erratum: Achieving transparency with plasmonic and metamaterial coatings**  
**[Phys. Rev. E, 72, 016623 (2005)]**

Andrea Alù and Nader Engheta  
 (Received 22 December 2005; published 24 January 2006)

DOI: [10.1103/PhysRevE.73.019906](https://doi.org/10.1103/PhysRevE.73.019906) PACS number(s): 42.70.-a, 42.79.-e, 42.50.Gy, 33.20.Fb, 99.10.Cd

Certain typographical misprints have appeared in Eqs. (2) and (3). These misprints do *not* affect the other equations, and thus all the remaining results, equations, graphs, and plots, conclusions and descriptions remain correct and unchanged. The corrected Eqs. (2) and (3) are given below:

$$U_n^{TM} = \begin{vmatrix} j_n(ka) & j_n(k_c a) & y_n(k_c a) & 0 \\ [ka j_n(ka)]'/\epsilon & [k_c a j_n(k_c a)]'/\epsilon_c & [k_c a y_n(k_c a)]'/\epsilon_c & 0 \\ 0 & j_n(k_c a_c) & y_n(k_c a_c) & j_n(k_0 a_c) \\ 0 & [k_c a_c j_n(k_c a_c)]'/\epsilon_c & [k_c a_c y_n(k_c a_c)]'/\epsilon_c & [k_0 a_c j_n(k_0 a_c)]'/\epsilon_0 \end{vmatrix}, \quad (2)$$

$$V_n^{TM} = \begin{vmatrix} j_n(ka) & j_n(k_c a) & y_n(k_c a) & 0 \\ [ka j_n(ka)]'/\epsilon & [k_c a j_n(k_c a)]'/\epsilon_c & [k_c a y_n(k_c a)]'/\epsilon_c & 0 \\ 0 & j_n(k_c a_c) & y_n(k_c a_c) & y_n(k_0 a_c) \\ 0 & [k_c a_c j_n(k_c a_c)]'/\epsilon_c & [k_c a_c y_n(k_c a_c)]'/\epsilon_c & [k_0 a_c y_n(k_0 a_c)]'/\epsilon_0 \end{vmatrix}, \quad (3)$$

where  $[-]'$  denotes differentiation with respect to the argument of the relevant spherical Bessel functions. All else in the paper stays unchanged and correct.