

Martin, Girard, and Dereux Reply: The sentence of our Letter [1] that García and Nieto-Vesperinas take out of its context [2] appeared in the discussion of Fig. 1, where we presented the amplitude of the total scattered field. Therefore, by *field*, we were referring to *total field amplitude*, as is clear from the context of our Letter and the caption of Fig. 1.

The remark (ii) made by García and Nieto-Vesperinas shows that, for subwavelength scatterers of low symmetry, a self-consistent vectorial three-dimensional calculation such as that in Ref. [1] provides more insight into the scattered near-field than a two-dimensional scalar perturbative calculation (Refs. [7,8] in [2]). Indeed, the total field amplitude does not simply “resemble” [2] the object, but can reproduce its shape or parts of its outline, depending on the incident polarization [3,4].

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- [1] O. J. F. Martin, C. Girard, and A. Dereux, Phys. Rev. Lett. **74**, 526 (1995).
- [2] N. García and M. Nieto-Vesperinas, Phys. Rev. Lett. **76**, 2404 (1996).
- [3] C. Girard, A. Dereux, O. J. F. Martin, and M. Devel, Phys. Rev. B **50**, 14 467 (1994).
- [4] C. Girard, A. Dereux, O. J. F. Martin, and M. Devel, Phys. Rev. B **52**, 2889 (1995).