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### Article:

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# Erratum: Maximum-entropy theory of steady-state quantum transport [Phys. Rev. B 68, 125414 (2003)]

## P. Bokes and R. W. Godby

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We have identified an error in the derivation of Eq. (14) in the above-named paper. The correct value of the induced potential  $\Delta \phi$ , in the absence of phase-incoherent scattering, is in fact zero. This renders the subsequent discussion of  $\Delta \phi$  and the 4-point conductance  $G_{4P}$  incorrect in this case.

The main results and conclusions of the paper, as well as the example which refers to the modified 4-point conductance  $\tilde{G}_{4P}$  in which phase incoherence is accounted for, are correct and unchanged.

Both phase-coherent and phase-incoherent cases are analyzed further in a new paper.<sup>2</sup>

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<sup>&</sup>lt;sup>1</sup>P. Bokes and R. W. Godby, Phys. Rev. B **68**, 125414 (2003).

<sup>&</sup>lt;sup>2</sup>P. Bokes, H. Mera, and R. W. Godby, Phys. Rev. B **72**, 165425 (2005).