

Errata of the paper

A. K. T. Assis, W. A. Rodrigues Jr. and A. J. Mania, [The electric field outside a stationary resistive wire carrying a constant current](#), Foundations of Physics, Vol. 29, pp. 729-753 (1999).

Available in PDF format at:

[https://www.ifi.unicamp.br/~assis/Found-Phys-V29-p729-753\(1999\).pdf](https://www.ifi.unicamp.br/~assis/Found-Phys-V29-p729-753(1999).pdf)

- Equation (12) should be replaced by:

$$\sigma_f(a, \varphi, z) = -\frac{R\varepsilon_0 I}{a \ln(l/a)} \frac{z}{l} + \frac{\varepsilon_0(\phi_R + \phi_L)}{2a \ln(l/a)}$$