

Corrigenda

The Dirac–Coulomb Sturmians and the series expansion of the Dirac–Coulomb Green function: application to the relativistic polarizability of the hydrogen-like atom

R Szmytkowski 1997 *J. Phys. B: At. Mol. Opt. Phys.* **30** 825–61

Equation (156) has been printed incorrectly. It should read:

$$\begin{aligned}
 \hat{G}_\kappa(r, r'; E_{n\kappa}) = & \sum_{\substack{n'=-\infty \\ n' \neq n}}^{\infty} \frac{1}{\mu_{n'\kappa}(E_{n\kappa}) - 1} \begin{pmatrix} S_{n'\kappa}(2\lambda_{n\kappa}r) \\ T_{n'\kappa}(2\lambda_{n\kappa}r) \end{pmatrix} \\
 & \times \begin{pmatrix} \mu_{n'\kappa}(E_{n\kappa}) S_{n'\kappa}(2\lambda_{n\kappa}r') & T_{n'\kappa}(2\lambda_{n\kappa}r') \end{pmatrix} \\
 & + \frac{2E_{n\kappa} - mc^2}{2mc^2} \begin{pmatrix} S_{n\kappa}(2\lambda_{n\kappa}r) \\ T_{n\kappa}(2\lambda_{n\kappa}r) \end{pmatrix} \begin{pmatrix} S_{n\kappa}(2\lambda_{n\kappa}r') & T_{n\kappa}(2\lambda_{n\kappa}r') \end{pmatrix} \\
 & + \begin{pmatrix} I_{n\kappa}(2\lambda_{n\kappa}r) \\ K_{n\kappa}(2\lambda_{n\kappa}r) \end{pmatrix} \begin{pmatrix} S_{n\kappa}(2\lambda_{n\kappa}r') & T_{n\kappa}(2\lambda_{n\kappa}r') \end{pmatrix} \\
 & + \begin{pmatrix} S_{n\kappa}(2\lambda_{n\kappa}r) \\ T_{n\kappa}(2\lambda_{n\kappa}r) \end{pmatrix} \begin{pmatrix} J_{n\kappa}(2\lambda_{n\kappa}r') & K_{n\kappa}(2\lambda_{n\kappa}r') \end{pmatrix}. \tag{156}
 \end{aligned}$$

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Laser-assisted electron–atom resonance scattering and laser-induced resonance interference

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In this recent paper, figures 4 and 5 were inadvertently transposed.

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