On page 124011-4, second column, the equation reads

\[ V(r) = \frac{Q}{r}, \quad \lambda(r) = \mu(r) = 1 - \frac{2G_4 M}{r} + \frac{(1 + f'(R_0))Q^2}{r^2} - \frac{R_0}{12} \frac{1}{r^2} \]

Notice that unlike the EH case, the contribution of the black hole charge to the metric tensor is corrected by a \((1 + f'(R_0))\) factor.

It should read

\[ V(r) = \frac{Q}{r}, \quad \lambda(r) = \mu(r) = 1 - \frac{2G_4 M}{r} + \frac{Q^2}{(1 + f'(R_0))r^2} - \frac{R_0}{12} \frac{1}{r^2} \]

Notice that unlike the EH case, the contribution of the black hole charge to the metric tensor is corrected by a \((1 + f'(R_0))^{-1}\) factor.

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