Shifted 1/*N* expansion and scalar potential in the Dirac equation

CORRIGENDUM

Shifted 1/N expansion and scalar potential in the Dirac equation
Roychoudhury R K and Varshni Y P 1987 *J. Phys. A: Math. Gen.* **20** L1083–7

Equations (10c) and (13) are incorrect and should be replaced by

$$\phi(r) = \exp\left(\frac{-r}{4m}\frac{dU}{dr}\right)G(r) \tag{10c}$$

and

$$\omega = \left(3 + r_0\frac{V''(r_0)}{V'(r_0)}\right)^{1/2}. \tag{13}$$