

# Erratum: Linearized $f(R)$ gravity: Gravitational radiation and Solar System tests [Phys. Rev. D 83, 104022 (2011)]

Christopher P.L. Berry\* and Jonathan R. Gair†  
*Institute of Astronomy, Madingley Road, Cambridge, CB3 0HA, United Kingdom*  
(Dated: March 21, 2012)

PACS numbers: 04.50.Kd, 04.25.Nx, 04.30.-w, 04.70.-s

In Sec. VIII A, (130) should read

$$g_{00} = 1 - 2U; \quad g_{ij} = -(1 + 2\gamma U)\delta_{ij}, \quad (1)$$

with a minus sign in the expression for  $g_{00}$ . The expression for the post-Newtonian parameter  $\gamma$  (147) should read

$$\gamma = -\frac{g_{00} + g_{ii}}{2U} - 1 \quad (\text{no summation}), \quad (2)$$

which includes an additional minus sign. Neither of these sign errors are propagated, and all results were based upon the correct forms for the equations. Not one of our conclusions, including that  $\gamma = 1$ , is modified.

---

\* cplb2@ast.cam.ac.uk

† jgair@ast.cam.ac.uk