

Erratum: The Escape Velocity Curve of the Milky Way in Modified Newtonian Dynamics

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Key words: errata, addenda, galaxies: groups: individual: Local Group – Galaxy: kinematics and dynamics – Dark Matter – methods: numerical – methods: data analysis – cosmology: cosmological parameters

This is an erratum to the paper ‘The escape velocity curve of the Milky Way in Modified Newtonian Dynamics’, published in MNRAS, 473 (1), 419 – 430 (2018).

Equation 11 in that paper should be replaced with the equation below.

$$\mathbf{g} \rightarrow \mathbf{g} + \frac{2GM\nu_{ext}}{15r_{out}^3} (\mathbf{r} - 3r \cos \theta \hat{\mathbf{g}}_{ext}), \text{ where } \hat{\mathbf{g}}_{ext} \equiv \frac{\mathbf{g}_{ext}}{|\mathbf{g}_{ext}|}$$

As this was a purely typographical error, the results and discussion in the original publication are completely unaffected.

This paper has been typeset from a T_EX/L^AT_EX file prepared by the author.

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