Erratum: From dwarf spheroidals to cD galaxies: simulating the galaxy population in a $\Lambda$CDM cosmology

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Our paper ‘From dwarf spheroidals to cD galaxies: simulating the galaxy population in a $\Lambda$CDM cosmology’ was published in MNRAS, 413, 101 (2011). The description of the assumed shrinkage of orphan galaxy orbits due to dynamical friction did not correspond to the one used in our computations. In the computations, we assume a constant mass satellite to spiral to the centre of the host, rather than an ‘isothermal’ satellite. The second and third sentences in the second paragraph on page 111 should read as follows.

A simple model in which a constant mass satellite spirals to the centre of a larger ‘isothermal’ host on a near-circular orbit predicts that the square of the radius of the orbit should decay linearly in time. To mimic this, we multiply the positional offset of the tracer particle from the central galaxy with which its galaxy is destined to merge by a factor of $\sqrt{1-\Delta t/\text{friction}}$ to define the position of the galaxy, where $\Delta t$ is the time since the merger clock was initialized.

None of the results were affected by this error in the text.

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