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Erratum

Erratum to “Are Nuclear Star Clusters the Precursors of Massive Black Holes?”

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The original paper had an erroneous value for the Sersic index of NGC 205, which was quoted as $n = 4$. We used the surface brightness profile of [1] to derive Sersic $n = 2.05$. The correct version of Figure 2 is reproduced below. This does not influence any of the conclusions.

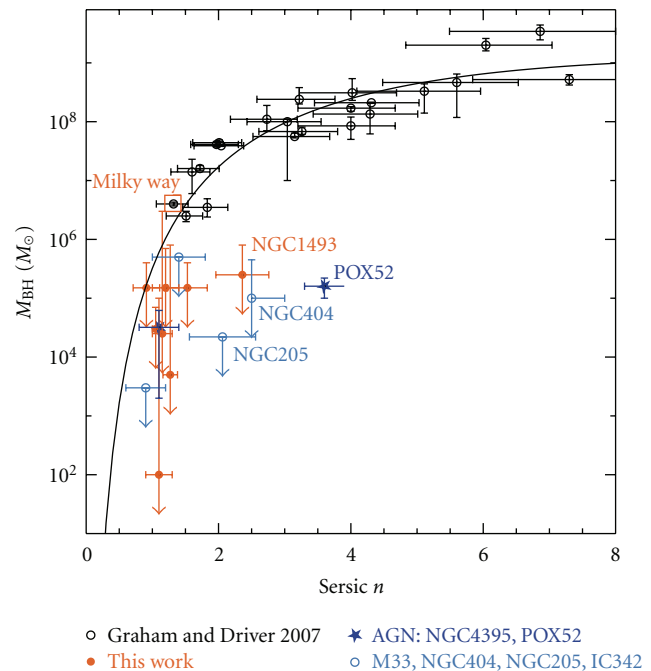
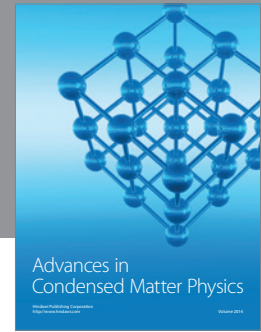
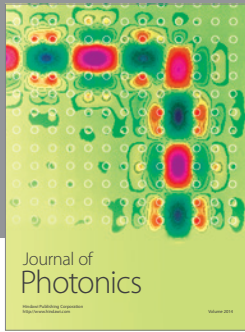
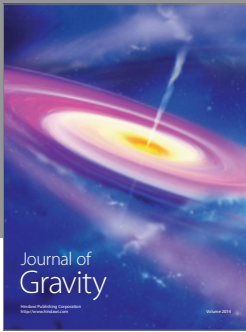


FIGURE 2: The mass of the BH against the Sersic index of the host bulge or disk. We plot the objects as listed in the text. The largest outliers are NGC205 (with $n = 2.05$), POX52 ($n = 3.6$), NGC404 ($n = 2.5$), and NGC1493 ($n = 2.4$).

References

- [1] M. Valluri, L. Ferrarese, D. Merritt, and C. L. Joseph, “The low end of the supermassive black hole mass function: constraining

the mass of a nuclear black hole in NGC 205 via stellar kinematics," *The Astrophysical Journal*, vol. 628, no. 1, pp. 137–152, 2005.



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