



Erratum to: Towards practical autonomous deep-space navigation using X-Ray pulsar timing

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Published online: 24 August 2017
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Erratum to: Exp Astron (2016) 42:101–138.
DOI 10.1007/s10686-016-9496-z

The original article requires the following corrections and a clarification:

- on page 107, in Section 3.1, footnote 3, there is no error here, but for clarity we would propose, after:

‘... we have used a factor 4×10^8 ph/erg’ adding:

‘, and then multiplied by 10^4 to yield values in photon $\text{m}^{-2} \text{s}^{-1}$ ’;

The online version of the original article can be found at [doi:10.1007/s10686-016-9496-z](https://doi.org/10.1007/s10686-016-9496-z)

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- on pages 108 and 109, in Table 1, the units of the column ‘Source total flux’ should be stated as ‘ $\text{ph m}^{-2} \text{s}^{-1}$ ’, not ‘ $\text{ph cm}^{-2} \text{s}^{-1}$ ’;
- on page 128, in Appendix A, following Equation A.3, the units of F_{total} should be specified, and the units of F_{bX} and F_{bN} should be corrected, i.e. the text should read:

‘... F_{total} is the total X-ray flux from the pulsar ($\text{ph m}^{-2} \text{s}^{-1}$), F_{bX} is the diffuse X-ray background flux from the sky ($\text{ph m}^{-2} \text{s}^{-1} \text{sr}^{-1}$) and F_{bN} is the flux due to the cosmic-ray background and other sources of internal detector noise ($\text{ct m}^{-2} \text{s}^{-1}$)’.

The numerical values of flux, and other values calculated from them, are not affected.

Acknowledgments We thank Dr. Jae Sub Hong (Harvard-Smithsonian Center for Astrophysics, Cambridge, MA) for bringing the error in Table 1 to our attention.