

ERRATA

This document lists errors in the original published version of [Smith et al., 2005]. I corrected these errors in the online copy of the paper available on my web page as of 14 February 2007. The original version of the paper is available upon request. I am not posting it online because I do not want it to be indexed by search engines.

-Trey Smith

Errors:

- The definition of δ_p , equation (5), had a sign error. The old definition was

$$\delta_p(\mathcal{B}) = \max_{b \in \bar{\Delta}} \min_{b' \in \mathcal{B}} \frac{\|b - b'\|_1}{\rho^p(b)}$$

In the corrected definition, ρ^p is replaced with ρ^{-p} .

The sign error was also propagated throughout much of the paper. In particular, where the $\|\cdot\|_{\rho^p}$ norm appears it should be replaced with $\|\cdot\|_{\rho^{-p}}$. All the signs should be right in the corrected version.

I actually noticed this error while preparing my conference slides and mentioned it in my presentation. My apologies to anyone who was confused because I did not correct the online copy sooner.

- The experimental results section cited a paper by Spaan et al., but I inadvertently left out the corresponding information in the “References” section. The information is included in the corrected version. Sorry, Matthijs!

References

[Smith et al., 2005] Smith, T. and Simmons, R. (2005). Point-Based POMDP Algorithms: Improved Analysis and Implementation In *Proc. Conf. on Uncertainty in Artificial Intelligence (UAI)*.