

Errata: Data-Driven Importance Distributions for Articulated Tracking

Søren Hauberg

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This document provides a list of known issues for the paper “*Data-Driven Importance Distributions for Articulated Tracking*” [1]. Please contact Søren Hauberg in case you find further mistakes.

- Equation 6 of the paper states that

$$p_{\text{proj}}(\theta_t|\theta_{t-1}) = \text{proj}_{\mathcal{M}}[\mathcal{N}(F(\theta_t)|F(\theta_{t-1}), \Sigma)]. \quad (1)$$

This distribution is obviously not normalized correctly, and like other distributions discussed in the paper it is only stated up to an unknown constant:

$$p_{\text{proj}}(\theta_t|\theta_{t-1}) \propto \text{proj}_{\mathcal{M}}[\mathcal{N}(F(\theta_t)|F(\theta_{t-1}), \Sigma)]. \quad (2)$$

I apologize for this typo.

References

- [1] Søren Hauberg and Kim S. Pedersen, *Data-Driven Importance Distributions for Articulated Tracking*, Energy Minimization Methods in Computer Vision and Pattern Recognition (EMM-CVPR), 2011.