

Equation (21) of the published paper [1] and Equation (4) of the supplementary material should read

$$J_{\tilde{\mathbf{p}}} = - \left( \frac{\partial \mathbf{W}}{\partial \tilde{\mathbf{p}}} \Big|_{(\mathbf{x}_{1:L}; \tilde{\mathbf{p}})}^T \frac{\partial \mathbf{W}}{\partial \tilde{\mathbf{p}}} \Big|_{(\mathbf{x}_{1:L}; \tilde{\mathbf{p}})} \right)^{-1} \frac{\partial \mathbf{W}}{\partial \tilde{\mathbf{p}}} \Big|_{(\mathbf{x}_{1:L}; \tilde{\mathbf{p}})}^T \left( \frac{\partial \mathbf{W}}{\partial \mathbf{x}} \Big|_{(x_{1:L}; \tilde{\mathbf{p}})} \odot \frac{\partial \mathbf{W}}{\partial \tilde{\mathbf{p}}} \Big|_{(\mathbf{x}_{1:L}; \mathbf{0})} \right)$$

instead of

$$J_{\tilde{\mathbf{p}}} = - \left( \frac{\partial \mathbf{W}}{\partial \tilde{\mathbf{p}}} \Big|_{(\mathbf{x}_{1:L}; \tilde{\mathbf{p}})}^T \frac{\partial \mathbf{W}}{\partial \tilde{\mathbf{p}}} \Big|_{(\mathbf{x}_{1:L}; \tilde{\mathbf{p}})} \right)^{-1} \left( \frac{\partial \mathbf{W}}{\partial \mathbf{x}} \Big|_{(x_{1:L}; \tilde{\mathbf{p}})} \odot \frac{\partial \mathbf{W}}{\partial \tilde{\mathbf{p}}} \Big|_{(\mathbf{x}_{1:L}; \mathbf{0})} \right).$$

Thanks to Nontas Antonakos for pointing out this typo.

## References

- [1] G. Papandreou and P. Maragos. Adaptive and constrained algorithms for inverse compositional active appearance model fitting. In *Proc. IEEE Int. Conf. on Comp. Vision and Pat. Rec. (CVPR)*, Anchorage, AK, June 2008.