

# Errata for SMPL: A Skinned Multi-Person Linear Model

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This document contains errata in the original paper SMPL: A Skinned Multi-Person Linear Model.

## Errata 1:

The Rodrigues formula was wrong in the earlier version of the paper

$$\exp(\vec{\omega}_j) = \mathcal{I} + \hat{\omega}_j \sin(\|\vec{\omega}_j\|) + \hat{\omega}_j^2 (\cos(\|\vec{\omega}_j\|)) \quad (1)$$

and has been corrected to

$$\exp(\vec{\omega}_j) = \mathcal{I} + \hat{\omega}_j \sin(\|\vec{\omega}_j\|) + \hat{\omega}_j^2 (1 - \cos(\|\vec{\omega}_j\|)) \quad (2)$$

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