

Erratum

Correction to “Gaussian Process Dynamical Models for Human Motion”

Jack M. Wang,
David J. Fleet, *Senior Member, IEEE*, and
Aaron Hertzmann, *Member, IEEE*

◆

DUE to a publication error in [1], two figures were misprinted. Figs. 7 and 8 on p. 292 should read shown below:

REFERENCES

- [1] J.M. Wang, David J. Fleet, and A. Hertzmann, “Gaussian Process Dynamical Models for Human Motion,” *IEEE Trans. Pattern Analysis and Machine Intelligence*, vol. 30, no. 2, pp. 283-298, Feb. 2008.

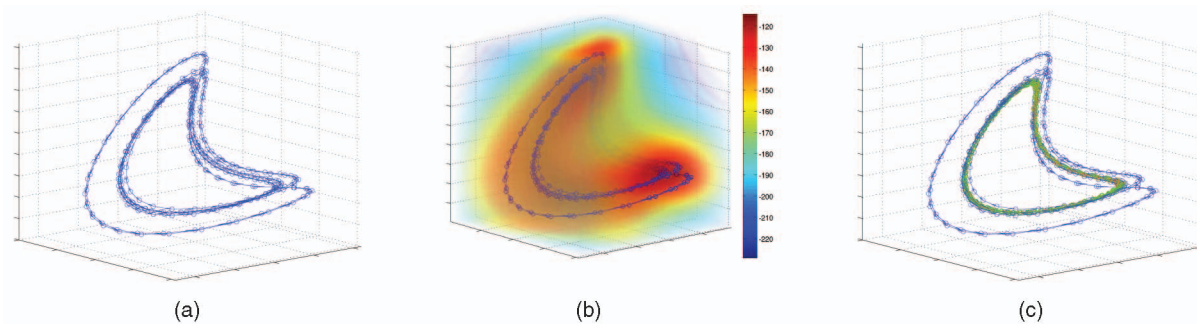


Fig. 7. Models learned with fixed $\bar{\alpha}$ from three different walking subjects. (a) The learned latent coordinates shown in blue. (b) $-\ln$ variance plot shows smooth high confidence regions, but the variance near data is larger than in Fig. 5c, similar to B-GPDM. (c) Typical samples from the dynamic predictive distribution are shown in green, while the mean-prediction sample is shown in red.

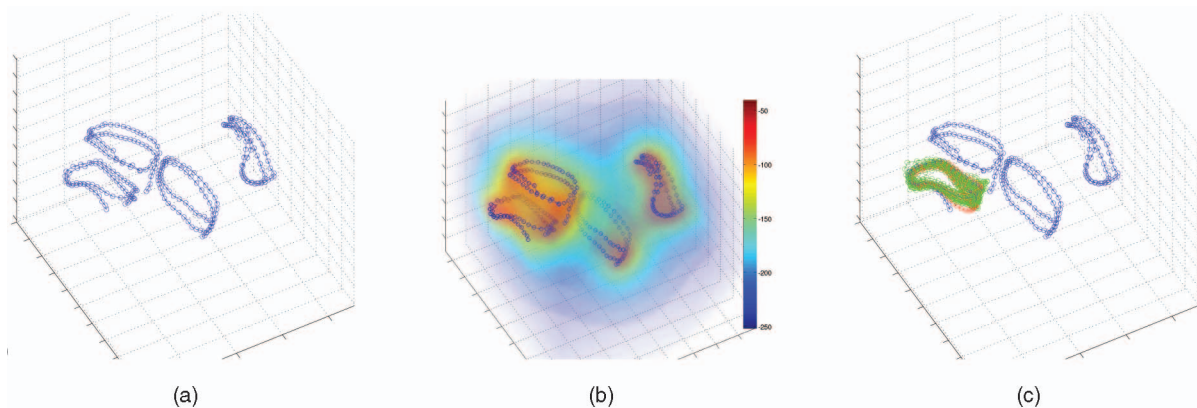


Fig. 8. Models learned with two-stage MAP from four different walking subjects. (a) The learned latent coordinates shown in blue, note the walkers are separated into distinct portions of the latent space. (b) $-\ln$ variance plot shows smooth high confidence regions, and the variance near data is similar to Fig. 5c. (c) Typical samples from the dynamic predictive distribution are shown in green, while the mean-prediction sample is shown in red.

- The authors are with the Department of Computer Science, University of Toronto, 40 St. George Street, Toronto, Ontario M5S 2E4 Canada. E-mail: {jmwang, hertzman}@dgp.toronto.edu, fleet@cs.toronto.edu.

Manuscript received 31 Oct. 2006; revised 10 Apr. 2007; accepted 16 Apr. 2007; published online 2 May 2007.

Recommended for acceptance by S. Sclaroff.

For information on obtaining reprints of this article, please send e-mail to: tpami@computer.org, and reference IEEECS Log Number TPAMI-0771-1006. Digital Object Identifier no. 10.1109/TPAMI.2007.1167.