



## Erratum

# Erratum to “Predicting Infant Cortical Surface Development Using a 4D Varifold-based Learning Framework and Local Topography-based Shape Morphing” [Med. Image Anal. 28 (2016)1–12]



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The publisher regrets the following mistakes, which appeared in the printed version of the above mentioned article:

- The definition for the kernel  $k$  in the following mathematical formula (page 3) was missing in the paper:

$$\int_0^1 |v_t|_V^2 dt = \int_0^1 \sum_{i=1}^{N_c} \sum_{j=1}^{N_c} p_i(t)^T k(c_i(t), c_j(t)) p_j(t) dt$$

- It should be replaced with the deformation kernel  $k_V$ . Also, in the same formula, the norm of the velocity vector  $v_t$  should be represented with double bars on both sides of the vector as follows:

$$\int_0^1 ||v_t||_V^2 dt = \int_0^1 \sum_{i=1}^{N_c} \sum_{j=1}^{N_c} p_i(t)^T k_V(c_i(t), c_j(t)) p_j(t) dt$$

- In the set of successive target shapes  $\{S_0, \dots, S_N\}$  (page 4, paragraph 2),  $S_0$  should be removed since it is not a target shape but the source shape. The set of successive target shapes should be defined as:  $\{S_1, \dots, S_N\}$ .
- For the detailed algorithm steps, the last term in the energy function of Step 7 must be put to the power of 2 as follows (page 7):

$$\tilde{E} = \int_0^1 ||v_t||_V^2 dt + \frac{1}{\gamma} \sum_i ||\tilde{S}_i - \tilde{\xi}_{t_i}^v \cdot S_0||_{W^*}^2$$

- The affiliations for authors are also updated.

The publisher would like to apologize for any inconvenience caused.

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