

Erratum to: Non-parametric identification of continuous-time Hammerstein systems using Gaussian process model and particle swarm optimization

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The publisher would like to make the following corrections.

Equations (14) and (15) should read as follows:

$$\boldsymbol{\theta}_{a[i]} = (\mathbf{A}_{[i]}^T \boldsymbol{\mathcal{K}}_{[i]}^{-1} \mathbf{A}_{[i]})^{-1} \mathbf{A}_{[i]}^T \boldsymbol{\mathcal{K}}_{[i]}^{-1} (\mathbf{y}_{[i]} - b_{0[i]} \mathbf{u}_{[i]}) \quad (14)$$

where $\boldsymbol{\mathcal{K}}_{[i]} = b_{0[i]}^2 \mathbf{K}_{[i]}$.

$$\begin{aligned} J(\boldsymbol{\Omega}_{[i]}^l) = & \frac{1}{2} \log |\boldsymbol{\mathcal{K}}_{[i]}| + \frac{1}{2} (\mathbf{y}_{[i]} - b_{0[i]} \mathbf{u}_{[i]} - \mathbf{A}_{[i]} \boldsymbol{\theta}_{a[i]})^T \\ & \times \boldsymbol{\mathcal{K}}_{[i]}^{-1} (\mathbf{y}_{[i]} - b_{0[i]} \mathbf{u}_{[i]} - \mathbf{A}_{[i]} \boldsymbol{\theta}_{a[i]}) + \frac{N}{2} \log(2\pi) \end{aligned} \quad (15)$$

In Sect. 5, the equation for “inertia factor” in the second paragraph should read as follows:

$$\begin{aligned} w^l = & w_{\max} - (w_{\max} - w_{\min})l/l_{\max} \\ (w_{\max} = & 0.9, w_{\min} = 0.4) \end{aligned}$$

The online version of the original article can be found under
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