



## Correction to: Continuous–discrete filtering techniques for estimating states of nonlinear differential–algebraic equations (DAEs) systems

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Published online: 26 August 2022  
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**Correction to:**  
**International Journal of Dynamics and Control**  
<https://doi.org/10.1007/s40435-022-00955-z>

In the original version, we have noticed several errors which are as follows:

Page 7 Line 453–454 Eq. (20): Wrong subscript  $d|k - 1$  is written in place of right subscript  $k|k - 1$

Wrong notation:  $h_d(\hat{x}_{d|k-1}^{\text{aug}}, t_k)$

Right notation:  $h_d(\hat{x}_{k|k-1}^{\text{aug}}, t_k)$

Page 9 Line 586, text below Eq. (33): Wrong denominator  $kx^a$  is written in place of right denominator  $dx^a$

Wrong notation:  $H_k^a = \frac{dh_d}{kx^a}$

Right notation:  $H_k^a = \frac{dh_d}{dx^a}$

Page 11 Line 713 Eq. (43): Wrong notation  $ddS^d$  is written in place of Right notation  $dS^d$

Wrong notation:  $\frac{ddS^d(t)}{dt}$

Right notation:  $\frac{dS^d(t)}{dt}$

Page 11 Line 738: Wrong subscript  $k - 1|k - 1$  is written in place of right subscript  $k|k - 1$

Wrong notation:  $\chi_{k-1|k-1}^a$

Right notation:  $\chi_{k|k-1}^a$

Page 4 Line 240:  $K - 1$  is written in place of  $k - 1$

Wrong notation:  $1 : K - 1$

Right notation:  $1 : k - 1$

Besides the above, the fonts of the mathematical notations are not uniform throughout the paper. The same notation is sometimes written in the Italic font and sometimes it is written in Roman font.

The original article has been corrected.

The original article can be found online at <https://doi.org/10.1007/s40435-022-00955-z>.

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