

Correction

Correction: Kiskinov et al. Existence of Absolutely Continuous Fundamental Matrix of Linear Fractional System with Distributed Delays. *Mathematics* 2021, 9, 150

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We have found that, in the right side of Equation (35) in our paper [1], the addend

$$T_{a-h}(t, a-h)\Phi(a-h)$$

is missing. As consequence of this error, the same addend must also be added in the right side of Equations (38), (39), (41) and (42).

The correct Equations (35), (38), (39), (41) and (42) are listed below:

$$X_{\Phi}(t) = \int_{a-h}^a T_{a-h}(t, s) d_s \Phi(s) + T_{a-h}(t, a-h)\Phi(a-h), \quad t \in J_a \quad (35)$$

$$X_f^{\Phi}(t) = X_{\Phi}(t) + X_f(t) = \int_a^t C(t, s) {}_{RL}D_{a+}^{1-\alpha} F(s) ds + \int_{a-h}^a T_{a-h}(t, s) d_s \Phi(s) + T_{a-h}(t, a-h)\Phi(a-h) \quad (38)$$

$$X_f^{\Phi}(t) = T_{a-h}(t, a)(\Phi_J(a+) - \Phi_J(a-)) + \sum_i T_{a-h}(t, s_i)((\Phi_J(s_i+) - \Phi_J(s_i-)) + \int_{a-h}^a T_{a-h}(t, s) \Phi_A'(s) ds + \int_a^t C(t, s) {}_{RL}D_{a+}^{1-\alpha} F(s) ds + T_{a-h}(t, a-h)\Phi(a-h) \quad (39)$$

$$X_{\Phi}(t) = T_{a-h}(t, a)\Phi_J(a+) - \int_{a-h}^a \frac{\partial T_{a-h}(t, s)}{\partial s} \Phi_A(s) ds + T_{a-h}(t, a-h)\Phi(a-h) \quad (41)$$

$$X_{\Phi}(t) = T_{a-h}(t, a)(\Phi_J(a+) - \Phi_J(a-)) + \sum_i T_{a-h}(t, s_i)(\Phi_J(s_i+) - \Phi_J(s_i-)) + \int_{a-h}^a T_{a-h}(t, s) \Phi_A'(s) ds + T_{a-h}(t, a-h)\Phi(a-h) \quad (42)$$

The authors apologize for any inconvenience caused and state that the scientific conclusions are unaffected. The original article has been updated.

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Reference

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