Correction to: Delay-Dependent Stability and H_∞ Performance of 2-D Continuous Systems with Delays

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The original version of the article unfortunately contained typographical errors in unnumbered equations before (12). The correct equations should be

$$\begin{aligned} \int_{-\frac{h_1}{m}}^0 \int_{t_1+\beta}^{t_1} \dot{x}^h T(\alpha) Q_3^h \dot{x}^h(\alpha) d\alpha d\beta &\geq 2 \left(x^h - \frac{m}{h_1} \int_{t_1-\frac{h_1}{m}}^{t_1} x^h(\alpha) d\alpha \right)^T Q_3^h \\ &\quad \times \left(x^h - \frac{m}{h_1} \int_{t_1-\frac{h_1}{m}}^{t_1} x^h(\alpha) d\alpha \right), \\ \int_{-\frac{h_2}{m}}^0 \int_{t_2+\beta}^{t_2} \dot{x}^v T(\alpha) Q_3^v \dot{x}^v(\alpha) d\alpha d\beta &\geq 2 \left(x^v - \frac{m}{h_2} \int_{t_2-\frac{h_2}{m}}^{t_2} x^v(\alpha) d\alpha \right)^T Q_3^v \\ &\quad \times \left(x^v - \frac{m}{h_2} \int_{t_2-\frac{h_2}{m}}^{t_2} x^v(\alpha) d\alpha \right), \end{aligned}$$

The original article can be found online at <https://doi.org/10.1007/s00034-018-0839-z>.

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$$\begin{aligned}
& \int_{-\frac{h_1}{m}}^0 \int_{\lambda}^0 \int_{t_1+\beta}^{t_1} \dot{x}^{hT}(\alpha) Q_4^h \dot{x}^h(\alpha) d\alpha d\beta d\lambda \\
& \geq \frac{6h_1}{m} \left(\frac{1}{2} x^h - \frac{m^2}{h_1^2} \int_{-\frac{h_1}{m}}^0 \int_{t_1+\beta}^{t_1} x^h(\alpha) d\alpha d\beta \right)^T Q_4^h \\
& \quad \times \left(\frac{1}{2} x^h - \frac{m^2}{h_1^2} \int_{-\frac{h_1}{m}}^0 \int_{t_1+\beta}^{t_1} x^h(\alpha) d\alpha d\beta \right), \\
& \int_{-\frac{h_2}{m}}^0 \int_{\lambda}^0 \int_{t_2+\beta}^{t_2} \dot{x}^{vT}(\alpha) Q_4^v \dot{x}^v(\alpha) d\alpha d\beta d\lambda \\
& \geq \frac{6h_2}{m} \left(\frac{1}{2} x^v - \frac{m^2}{h_2^2} \int_{-\frac{h_2}{m}}^0 \int_{t_2+\beta}^{t_2} x^v(\alpha) d\alpha d\beta \right)^T Q_4^v \\
& \quad \times \left(\frac{1}{2} x^v - \frac{m^2}{h_2^2} \int_{-\frac{h_2}{m}}^0 \int_{t_2+\beta}^{t_2} x^v(\alpha) d\alpha d\beta \right), \\
& \int_{-\frac{h_1}{m}}^0 \int_{\delta}^0 \int_{\lambda}^0 \int_{t_1+\beta}^{t_1} \dot{x}^{hT}(\alpha) Q_5^h \dot{x}^h(\alpha) d\alpha d\beta d\lambda d\delta \\
& \geq \frac{24h_1^2}{m} \left(\frac{1}{6} x^h - \frac{m^3}{h_1^3} \int_{-\frac{h_1}{m}}^0 \int_{\lambda}^0 \int_{t_1+\beta}^{t_1} x^h(\alpha) d\alpha d\beta d\lambda \right)^T Q_5^h \\
& \quad \times \left(\frac{1}{6} x^h - \frac{m^3}{h_1^3} \int_{-\frac{h_1}{m}}^0 \int_{\lambda}^0 \int_{t_1+\beta}^{t_1} x^h(\alpha) d\alpha d\beta d\lambda \right), \\
& \int_{-\frac{h_2}{m}}^0 \int_{\delta}^0 \int_{\lambda}^0 \int_{t_2+\beta}^{t_2} \dot{x}^{vT}(\alpha) Q_5^v \dot{x}^v(\alpha) d\alpha d\beta d\lambda d\delta \\
& \geq \frac{24h_2^2}{m} \left(\frac{1}{6} x^v - \frac{m^3}{h_2^3} \int_{-\frac{h_2}{m}}^0 \int_{\lambda}^0 \int_{t_2+\beta}^{t_2} x^v(\alpha) d\alpha d\beta d\lambda \right)^T Q_5^v \\
& \quad \times \left(\frac{1}{6} x^v - \frac{m^3}{h_2^3} \int_{-\frac{h_2}{m}}^0 \int_{\lambda}^0 \int_{t_2+\beta}^{t_2} x^v(\alpha) d\alpha d\beta d\lambda \right),
\end{aligned}$$