

Errata

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**SYSTEMS GOVERNED BY MEAN-FIELD STOCHASTIC
EVOLUTION EQUATIONS ON HILBERT SPACES AND THEIR
OPTIMAL CONTROL**

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In the original article, Dynamic Systems and Applications 25 (2016) 61-88, the content of equation (4.4) on page 72 was outside the margin. The equations (4.2)–(4.4) should have been listed as follows:

$$(4.2) \quad \mathbf{E}|x^o(t) - x^n(t)|_E^2 \leq 4M^2K^2t \int_0^t \{ \mathbf{E}|x^o(s) - x^n(s)|_E^2 + |\overline{x^o(s)} - \overline{x^n(s)}|_E^2 \} ds \\ + 4M^2K_{\mathcal{R}}^2 \int_0^t \{ \mathbf{E}|x^o(s) - x^n(s)|_E^2 + |\overline{x^o(s)} - \overline{x^n(s)}|_E^2 \} ds \\ + 4\mathbf{E}|e_1^n(t)|_E^2 + 4\mathbf{E}|e_2^n(t)|_E^2, \quad t \in I,$$

where

$$(4.3) \quad e_1^n(t) = \int_0^t S(t-s)\overline{f}(s, x^o(s), \overline{x^o(s)}, u_s^o - u_s^n) ds, \quad t \in I,$$

$$(4.4) \quad e_2^n(t) = \int_0^t S(t-s)\overline{\sigma}(s, x^o(s), \overline{x^o(s)}, u_s^o - u_s^n) dW(s), \quad t \in I.$$