ERRATUM

Erratum to: Positive solution of singular boundary value problem for nonlinear fractional differential equation with nonlinearity that changes sign

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Taking a unsuitable cone *K*, we have made some mistakes in proof of Lemma 3.1. Here, we must substitute cone *K* with $K = \{u(t) \in C[0, 1] : u(t) \ge 0, 0 \le t \le 1\}$, and substitute $\Omega(r)$ with $\Omega(r) = \{v \in K : ||v|| < r, \min_{\gamma \le t \le \delta} v(t) > \frac{\eta}{3} ||v||\}, r > 0$, $\eta = \min_{\gamma \le s \le \delta} \rho(s)$. Hence, in assumption condition (*H*₁), we may delete the assumptions on γ , δ ($0 < \gamma \le \min\{\frac{\delta}{2}, 2\delta - 1\}, \frac{2}{3} \le \delta < 1$, where γ , δ are the constants in (2) of Lemma 2.6).

All the assertions are valid with these corrections.

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