

Title	Correction to "Exponential decay of positivity preserving semigroups on $L^p$ " (This Journal Vol. 37 (2000), 603--624)
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**CORRECTION TO “EXPONENTIAL DECAY OF POSITIVITY  
PRESERVING SEMIGROUPS ON  $L^p$ ”  
(THIS JOURNAL VOL. 37 (2000), 603–624)**

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The proof of Theorem 2.8 in the paper titled above contains an error. The identity

$$\int_X \rho_k^{q-1} \rho_k dm = \int_X (S^n \rho_k^{q-1}) \rho_k dm$$

in the proof is true only when  $n = 1$  in general. We modify the proof as follows. By applying the original proof to  $S^n$  itself, we can take  $\tilde{\rho} \in \text{Ker}(1 - (S^n)^*)$  such that  $\tilde{\rho} \geq 0$  and  $\tilde{\rho} \not\equiv 0$   $m$ -a.e. Define  $\rho = \sum_{j=0}^{n-1} (S^j)^* \tilde{\rho}$ . Then  $S^* \rho = \rho$ ,  $\rho \geq 0$  and  $\rho \not\equiv 0$   $m$ -a.e. This completes the proof.

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