ERRATA TO "WHERE DOES THE $L^p$-NORM OF A WEIGHTED POLYNOMIAL LIVE?"

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The manuscript appearing in Trans. Amer. Math. Soc. 303 (1987), 109–124, should be corrected as follows.

(a) line 6 of Abstract, p. 109, replace "mild" by "some additional."
(b) line 4 of Theorem 2.3, p. 111, should read

\[
(2.8) \quad |[w(x)]^nP(x)| \leq e^{-cn} < 1 \quad \text{q.e. on } \Sigma \setminus \mathcal{S}^*,
\]

where $\mathcal{S}^* := \bigcap_{n=1}^{\infty} \mathcal{S}_{1/n}$ ($\mathcal{S}_{1/n}$ is the extremal set for the weight $[w(x)]^{1/(1+\delta)}$ with $\delta = 1/n$) and $c := c(w, x) > 0$ is independent of $n$ and $P$. Moreover, if $\Sigma$ is regular, then for every compact $K \subset \Sigma \setminus \mathcal{S}^*$,

(2.8a) \hspace{1cm} "..."

Remark. Except for a set of capacity zero, $\mathcal{S}^*$ is the same as the set $\{x \in \Sigma: \int \log |x - t| \, dw(t) = Q(x) + F(\mathcal{S}_w)\}$.

(c) page 112, change "$\mathcal{S}_w$" to "$\mathcal{S}^*$" in displays (2.10), (2.11), (2.12) and one line above Theorem 2.6.
(d) page 117, display (3.18), delete "$C(\mathcal{S}^* \setminus \mathcal{S}) = 0.$"
(e) page 119, display (3.28), replace "$\mathcal{S}$" by "$\mathcal{S}^*$.
(f) page 122, displays (3.55), (3.56), replace "$\mathcal{S}$" by "$\mathcal{S}^*$.

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