

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

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

where $\mathfrak{S}^* := \bigcap_{n=1}^{\infty} \mathfrak{S}_{1/n}$ ($\mathfrak{S}_{1/n}$ 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 Σ is regular, then for every compact $K \subset \Sigma \setminus \mathfrak{S}^*$,

$$(2.8a) \quad \dots$$

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

(c) page 112, change " $\mathfrak{S}_w$ " to " $\mathfrak{S}^*$ " in displays (2.10), (2.11), (2.12) and one line above Theorem 2.6.

(d) page 117, display (3.18), delete " $C(\mathfrak{S}^* \setminus \mathfrak{S}) = 0$."

(e) page 119, display (3.28), replace " $\mathfrak{S}$ " by " $\mathfrak{S}^*$."

(f) page 122, displays (3.55), (3.56), replace " $\mathfrak{S}$ " by " $\mathfrak{S}^*$."

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