TRANSACTIONS OF THE
AMERICAN MATHEMATICAL SOCIETY
Volume 308, Number 1, July 1988

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

H. N. MHASKAR AND E. B. SAFF

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

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) $$\ldots$$"

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 "$\mathfrak{S}^*$."

The authors wish to thank Professor V. Totik for pointing out these oversights.

DEPARTMENT OF MATHEMATICS, CALIFORNIA STATE UNIVERSITY, LOS ANGELES, CALIFORNIA 90032

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF SOUTH FLORIDA, TAMPA, FLORIDA 33620