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ADDENDUM TO "DIFFERENTIAL-BOUNDARY OPERATORS"

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ABSTRACT. The proof of a lemma and the statement of another were omitted from an earlier paper. This corrects that omission.

Within the paper *Differential-boundary operators*, Trans. Amer. Math. Soc. 154 (1971), 429–458, the proof of Lemma 6.4 and the statement of Lemma 6.5 were inadvertently omitted. They are as follows.

Lemma 6.4. $\operatorname{Lim}_{\operatorname{Re}(\lambda)\to+\infty}\mathcal{H}(x) = 0$ *uniformly for all* x *in* $[0, 1]$.

Proof.

$$\left\|\int_0^x e^{-\lambda v}H(v)\,dv\right\| \le \int_0^x e^{-\operatorname{Re}(\lambda)v}\|H(v)\|\,dv,$$
$$\le \left[\int_0^1 e^{-2\operatorname{Re}(\lambda)v}\,dv\right]^{1/2}\left[\int_0^1 \|H(v)\|^2\,dv\right]^{1/2},$$
$$\le [(e^{-2\operatorname{Re}(\lambda)} - 1)/(-2\operatorname{Re}(\lambda))]^{1/2}\left[\int_0^1 \|H(v)\|^2\,dv\right]^{1/2},$$

which approaches 0 as $\operatorname{Re}(\lambda)\longrightarrow\infty$.

Lemma 6.5. $\operatorname{Lim}_{\operatorname{Re}(\lambda)\to+\infty} e^{\lambda x}[\mathcal{H}(1) - \mathcal{H}(x)] = 0$ *uniformly for all* x *in* $[0, 1]$.

The proof of Lemma 6.5 follows the statement of Lemma 6.4 in the text. The two H's at the beginning should be $\mathcal{H}$.

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