

ERRATUM TO “SAMPLING IN PALEY-WIENER SPACES ON
COMBINATORIAL GRAPHS”

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In my recently published paper [1], Theorem 3.1 should read as follows.

Theorem 0.1. *If for an $\omega > 0$ the space $PW_\omega(G)$ is finite-dimensional, then a subset of vertices $U \subset V(G)$ is a uniqueness set for the space $PW_\omega(G)$ if and only if there exists a constant C_ω such that for any $f \in PW_\omega(G)$ the following discrete version of the Plancherel-Polya inequalities holds true:*

$$(0.1) \quad \left(\sum_{u \in U} |f(u)|^2 \right)^{1/2} \leq \|f\|_{L_2(G)} \leq C_\omega \left(\sum_{u \in U} |f(u)|^2 \right)^{1/2}$$

for all $f \in PW_\omega(G)$.

The proof of this Theorem is the same as in the paper.

REFERENCES

- [1] I. Pesenson, *Sampling in Paley-Wiener spaces on combinatorial graphs*, Trans. Amer. Math. Soc. 360 (2008), no. 10, 5603–5627. MR2415088

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Received by the editors October 16, 2008.

2000 *Mathematics Subject Classification.* Primary 42C99, 05C99, 94A20; Secondary 94A12.

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