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Completeness of Spaces of Harmonic Functions under Restricted Supremum Norms

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Abstract. Let E be a subset of a domain Ω in Euclidean space. This note verifies a conjecture of Arcozzi and Björn concerning the completeness of the space of harmonic functions u on Ω that are bounded on E , where the supremum norm is taken with respect to the restriction of u to E .

Keywords. Harmonic function, Banach space, accessibility.

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