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AN APPLICATION OF THE HAUSDORFF–YOUNG INEQUALITY

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Abstract. In this paper a generalization theorem of Zahid of a [8] has been obtained, by considering the condition $S_p(\delta)$, $p > 1$ instead of $S(\delta)$.

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Key words and phrases: δ–quasi-monotone sequence, cosine trigonometric series, Fourier series, Dirichlet kernel, Abel's transformation, Holder inequality, Hausdorff–Young inequality.

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