

SOME GENERALIZATIONS OF AN INEQUALITY  
DUE TO A. BEURLING

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**Abstract.** The purpose of the paper is to provide several generalizations of an inequality due to A. Beurling. These generalizations deal with higher order differentiable functions, as well as with functions of two variables defined on rectangular domains.

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**Key words.** Beurling's inequality, higher order differentiable function, rectangular domain.

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