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A NOTE FOR BOUNDS OF NORMS OF HADAMARD PRODUCT OF MATRICES

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Abstract. In this paper, we have established upper bounds for the spectral norms of Cauchy-Toeplitz matrix and Cauchy-Hankel matrix, with $g = 1/2$ and $h = 1$. Moreover, we have obtained an upper bound for the spectral norm of Hadamard product of Cauchy-Toeplitz and Cauchy-Hankel matrices. In addition, we have established an upper bound for the norm of Hadamard product of Cauchy-Toeplitz and Cauchy-Hankel matrices.

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