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Extremal Problems in the Fock Space

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Abstract. This paper is devoted to examining some extremal problems in the Fock space. We discuss the order and type of Fock space functions and pose an extremal problem for a zero-based subspace corresponding to a finite zero set. We examine the zeros of the extremal function and solve an extremal problem for non-vanishing functions.

Keywords. Fock spaces, entire functions, extremal problems.

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