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Zeros of certain kernel functions in the Fock space. Preliminary report.

This talk deals with certain kernel functions in the Fock space of entire functions. In particular, if we consider zero based subspaces of the Fock space, it is not difficult to see that the corresponding extremal function has infinitely many additional zeros. In this talk, I will study the structure of these additional zeros under some special hypotheses and discuss some concrete examples. (Received September 14, 2008)