

BOUNDS FOR EXPECTED TIME TO EXTINCTION AND THE PROBABILITY OF EXTINCTION IN THE GALTON - WATSON PROCESS

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**Resumo/Abstract:**

In this work we found new upper bounds for the expected time, upper and lower bounds for the probability of the extinction of Galton - Watson process. These bounds improve some bounds previously obtained by other authors. Joint work with Yoel Yera, master student of Carlos III University and Jos E. Valdés, professor of Havana University.