## HAZARD FUNCTIONS AND LIFE DISTRIBUTIONS IN DISCRETE TIME

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Key Words and Phrases; Life distribution; reliability; survival distribution; hazard function; yeometric distribution; Waring distribution; negative hypergeometric distribution.

## ABSTRACT

The problem of studying lifelength distributions in discrete time is considered for certain forms of hazard functions. A class of life distributions that consists of the geometric, the Waring and the negative hypergeometric distributions is shown to result when the hazard function is inversely proportional to some linear function of time.