

FUNCTIONAL RANDOM CENTRAL LIMIT THEOREMS FOR RANDOM  
WALKS CONDITIONED TO STAY POSITIVE

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*Abstract:* The aim of this note is to investigate the limiting behaviour of the random function  $Y_{N_n}$  conditioned on  $[T > N_n]$ , where  $\{N_n, n \geq 0\}$  is a sequence of positive integer-valued random variables. The results obtained are extensions of results [7] under the additional assumption that  $E|X_1|^3 < +\infty$ , and  $X_1$  is non-lattice or integer-valued with span 1.

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**Key words and phrases:** -

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