

ABSTRACT. This paper is a continuation of the paper "On the Time behaviour of Okazaki Fragments" by Krzysztof Bartoszek and Wojciech Bartoszek to published in the Journal of Applied Probability. which provides formulae for the probability distributions of the number of Okazaki fragments at time t during the process of DNA replication. Given the expressions for the moments of the probability distribution of the number of Okazaki fragments at time t in the recursive form, we evaluated formulae for the 3rd and 4th moments, using *Mathematica*, and obtained results in the explicit form. Having done this, we calculated its skewness and kurtosis.