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**Convolutions of Erlang and of Pascal distributions with applications to reliability.** (English)

[Zbl 1017.62105](#)

*Demonstr. Math.* 36, No. 1, 231-238 (2003).

Summary: The main aim of the paper is to give a generalization of the results given by *A. Sen* and *N. Balakrishnan* in [*Stat. Probab. Lett.* 43, No. 4, 421-426 (1999; [Zbl 0947.62071](#))]. The results obtained are used to calculate the reliability of some class of systems.

**MSC:**

[62N05](#) Reliability and life testing

Cited in **1** Review  
Cited in **10** Documents

**Keywords:**

convolution of Erlang distributions; convolution of Pascal distributions

**Full Text:** [DOI](#)