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Some approximations of ultimate ruin probability for finite initial surplus. (English)

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In the present paper it is demonstrated that renewal theoretical results can also be applied to derive explicit, approximate formulas for the ultimate ruin probability in the most important case of fixed finite initial surplus. These results are of interest from the theoretical as well as from the practical point of view.

MSC:

62P05	Applications of statistics to actuarial sciences and financial mathematics
60K05	Renewal theory

Cited in **1** Document

Keywords:

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