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**Improving efficiency of numerical methods for the calculation of models with repeated calls.**

(Russian) [Zbl 0649.90052](#)

[Probl. Peredachi Inf. 22, No. 4, 78-94 \(1986\).](#)

The author proposed several algorithms for an improved calculation of probabilistic characteristics of models with repeated calls. In the methods presented the equations of statistical balance are not considered. Instead, a truncated state space is determined and an approximation process is constructed in such a way that the accuracy of the characteristics obtained can easily be evaluated.

Reviewer: [T.Sawik](#)

**MSC:**

[90B22](#) Queues and service in operations research

[60K25](#) Queueing theory (aspects of probability theory)

Cited in **1** Review  
Cited in **1** Document

**Keywords:**

[Markov processes](#); [teletraffic](#); [algorithms](#); [probabilistic characteristics](#); [repeated calls](#); [truncated state space](#); [approximation process](#)