

## LETTERS TO THE EDITOR

Dear Editor,

I should like to draw your attention to the fact that the *Journal of Applied Probability* 18 (1981), 245–252, published the paper ‘Weak convergence of the simple birth-and-death process’ by C. Ivan. In this, the author considered a particular case of our result:

Ежов, И. И и Королюк, В. С. Предельные теоремы для одного класса условных марковских процессов. Preprint 78.3 (1978), Inst. Mat., Akad. Nauk Ukrain, SSR, Kiev. (English translation: Ežov, I.I. and Koroljuk, V.S. Limit theorems for a class of conditional Markov processes. In *Selected Translations on Mathematical Statistics and Probability* 15 (1981), 181–211.)

We therefore claim priority for our work.

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Yours sincerely,  
V. S. KOROLJUK

*Editor's note.* We have not been able to inform Dr Ivan of the above prior to publication because we do not know his present address. If he reads Professor Koroljuk's letter, we appeal to him to respond to it.

Dear Editor,

The main purpose of this letter is to point out some serious differences of opinion about the paper by Choo and Conolly [2], in which they analysed a queueing system where arrivals are Poisson and service times are general independent. If the arriving customer finds the server idle, he immediately enters service; if, on the other hand, he finds the server busy, he leaves immediately and tries his luck again after an exponential amount of time. This system has been considered in detail also by Aleksandrov [1] and Falin [4].

In the case of exponential service times, Choo and Conolly analysed the system time  $W$  of a customer. The system time is measured from the instant a customer enters the system until the instant he completes service. In this paragraph we recapitulate Choo and Conolly's main argument. Let the service