CORRIGENDUM

to

GENERATING FUNCTION OF MODIFIED BRANCHING PROCESS

By

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● *On page 67* replace *ni* by m_1 in line 9 of paragraph 2 and in the last line 'and' by 'or'.

● *On page 68* read $S = \sum\limits_{\substack{n-1 \\ i=1}}^{n-1} (s_i - 1)$ in the last line.

● *On page 72,* last line be read as convergent series $k_{10} + k_{20} + k_{30} + \ldots\ldots + k_{n0} + \ldots\ldots$

● *On page 73,* expression for the sum in the third line be read as

$$\sum_{i=0}^{\infty} k_{ir}$$

and the last line be read as

$$[\beta \sum_{i=0}^{n} k_{i1} + \alpha \, k_{n1}] \, e^{\beta [\sum_{i=0}^{n} k_{i0}] + \alpha[k_{n0} - 1]}$$

❸ *On page 74,* the first line be read as

$$\sum_{n=1}^{\infty} P_{11}^{n+1} = \beta \sum_{n=1}^{\infty} \left\{ e^{\beta\left[\sum_{i=0}^{\infty} k_{i0}\right] + \alpha(k_{n0}-1)} \sum_{i=0}^{n} k_{i1} \right\}$$
$$+ \alpha \sum_{n=1}^{\infty} k_{n1} e^{\beta\left[\sum_{i=0}^{n} k_{i0}\right] + \alpha(k_{n0}-1)}$$

In *(i)* on the same page upper limit of the sum should be infinity.

In *(ii)* the missing limits of summation be read as from 1 to ∞.

● *On page 75,* replace in 7th line

$$\sum P_{jj}^{p} \quad \text{by} \quad \sum_{p=0}^{\infty} P_{jj}^{p}$$

and 'aperiodie' by 'aperiodic' in the 9th line.