Corrigendum

Correction to equation (5.6) in the paper: A queueing network with a single cyclically roving server

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R. Ram and A. Tripathi have pointed out that a term is missing in the expression given in [1] (eq (5.6)) for computing the expected path delay in a gated service system. The missing term is the contribution of the server switch-over times to the path delays. Equation (5.6) should therefore read:

$$\begin{aligned}
 E[T_{i_1, i_2, \dots, i_M}] = & [g_{i_1}(i_1) - \bar{g}_{i_1}(i_1) - 1]b_{i_1} + \sum_{m=2}^{M-1} g_{i_m}(i_m)b_{i_m} + [\bar{g}_{i_M} + 1]b_{i_M} \\
 & + \sum_{m=1}^{M-1} \sum_{n=1}^{k_m} g_{i_m+n}(i_m+n)b_{i_m+n} + \sum_{m=1}^{M-1} \left[r_{i_m} + \sum_{n=1}^{k_m} r_{i_m+n} \right]. \quad (5.6)
 \end{aligned}$$

We would like to thank R. Ram and A. Tripathi for pointing out the missing term.

Reference

- [1] M. Sidi, H. Levy and S.W. Fuhrmann, A queueing network with a single cyclically roving server, *Queueing Syst.* 11 (1992) 121–144.