Erratum to: Performance Analysis on Two-Way Relay System with Co-Channel Interference

Fei Yang · Meiyu Huang · Sihai Zhang ·
Wuyang Zhou

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In the original publication, there are errors in the authors' affiliation, in Sect. 5 and the Acknowledgments section. The authors' affiliation is correct as shown in this erratum.

The second paragraph in Sect. 5 should read as follows:

The fixation of interferer set does not impact the rationality of our analysis. Outage performance is shown in Fig. 2 with transmission power varying from 0 to 40 dB, to verify the effectiveness of analytic bounds. Lower and upper bounds of outage are separately displayed for $c = 4$ and $c = 1/4$ cases, representing dedicated relay station and user cooperation scenarios, respectively. For the 2TS and 3TS 2-hop schemes, we plot exact bounds as well as asymptotic lines, and they are shown to converge well from medium SINR regime, i.e., about $P_S = 15$ dB for the large c case, and 20 dB for the small c case, in which the relay power is relatively low, and the asymptotic regime starts at a high point of power as a result. Diversity gain obtained from MRC in 3TS scheme is also revealed since the outage bounds decline with a greater slope. Only the asymptotic solutions are provided for the 3TS MRC scheme.

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F. Yang · M. Huang · S. Zhang (✉) · W. Zhou
Personal Communication Network and Spectrum Spreading Laboratory, Department of Electronic Engineering and Information Science, University of Science and Technology of China,
Hefei, Anhui, China
e-mail: shzhang@ustc.edu.cn

F. Yang
e-mail: genyang@mail.ustc.edu.cn

M. Huang
e-mail: myhuang@mail.ustc.edu.cn

W. Zhou
e-mail: wyzhou@ustc.edu.cn

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