

CORRECTION

Open Access

Correction: Distributed beamforming designs to improve physical layer security in wireless relay networks

Mujun Qian¹, Chen Liu^{1*} and Youhua Fu^{1,2}

Correction

In our paper *Distributed beamforming designs to improve physical layer security in wireless relay networks* [1], several equations should be corrected as indicated below.

In section 2.1 'Amplify-and-forward', the equation included in the paragraph above Equation (2) incorrectly read as follows: $t_i = w_i \rho_i r_i$

This equation should read correctly as follows: $t_i = w_i^* \rho_i r_i$

In section 2.2 'Decode-and-forward', the equation included in the paragraph above Equation (4) incorrectly read as follows: $t_i = w_i s$

This equation should read correctly as follows: $t_i = w_i^* s$

In Equations (2–5), (7–8) and (25–26), w^T is incorrectly included. In all of these equations w^T should be replaced with w^H .

Author details

¹The Key Lab of Broadband Wireless Communication and Sensor Network Technology (Ministry of Education), Nanjing University of Posts and Telecommunications, Nanjing, Jiangsu 210003, China. ²National Mobile Communications Research Laboratory, Southeast University, Nanjing, Jiangsu 210096, China.

Received: 4 August 2014 Accepted: 4 August 2014

Published: 18 August 2014

References

1. M Qian, C Liu, Y Fu, Distributed beamforming designs to improve physical layer security in wireless relay networks. *EURASIP J. Adv. Signal. Process* **2014**, 56 (2014)

doi:10.1186/1687-6180-2014-129

Cite this article as: Qian et al.: Correction: Distributed beamforming designs to improve physical layer security in wireless relay networks. *EURASIP Journal on Advances in Signal Processing* 2014 **2014**:129.

Submit your manuscript to a SpringerOpen[®] journal and benefit from:

- Convenient online submission
- Rigorous peer review
- Immediate publication on acceptance
- Open access: articles freely available online
- High visibility within the field
- Retaining the copyright to your article

Submit your next manuscript at ► springeropen.com

* Correspondence: liuch@njupt.edu.cn

¹The Key Lab of Broadband Wireless Communication and Sensor Network Technology (Ministry of Education), Nanjing University of Posts and Telecommunications, Nanjing, Jiangsu 210003, China