


Erratum to “Bayesian Linear Regression With Cauchy Prior and Its Application in Sparse MIMO Radar”

JUN LI , Member, IEEE

RYAN WU , Member, IEEE
NXP Semiconductors, San Jose, CA USA

I-TAI LU , Senior Member, IEEE
New York University, New York, NY USA

DONGYIN REN , Member, IEEE
NXP Semiconductors, San Jose, CA USA

Due to a production error, on page 9581 of the original article [1], on line 3 of Algorithm 3, the $\hat{Q}^{(k)}$ should be corrected to

$$\hat{Q}^{(k)} = \text{diag} \left(1 + \frac{(\hat{c}_1^{(k-1)})^2}{(\hat{\gamma}^{(k-1)})^2}, \dots, 1 + \frac{(\hat{c}_N^{(k-1)})^2}{(\hat{\gamma}^{(k-1)})^2} \right)^{-1}.$$

REFERENCE

- [1] J. Li, R. Wu, I.-T. Lu, and D. Ren, “Bayesian linear regression with cauchy prior and its application in sparse MIMO Radar,” *IEEE Trans. Aerosp. Electron. Syst.*, vol. 59, no. 6, pp. 9576–9597, Dec. 2023, doi: [10.1109/TAES.2023.3321585](https://doi.org/10.1109/TAES.2023.3321585).

Manuscript received 7 February 2024; accepted 7 February 2024. Date of current version 12 April 2024.

DOI. No. 10.1109/TAES.2024.3364310

Refereeing of this contribution was handled by B. Liao.

This work was supported by NXP Semiconductors, San Jose, CA, USA.

Authors' addresses: Jun Li was with NYUWIRELESS and the Department of Electrical and Computer Engineering, Tandon School of Engineering, New York University, New York, NY 10012 USA. He is now with NXP Semiconductors, San Jose, CA 95134 USA, E-mail: (jl7333@nyu.edu); Ryan Wu and Dongyin Ren are with NXP Semiconductors, San Jose, CA 95134 USA, E-mail: (ryan.wu@nxp.com; dongyin.ren@nxp.com); I-Tai Lu is with the Department of Electrical and Computer Engineering, Tandon School of Engineering, New York University, New York, NY 10012 USA, E-mail: (itl211@nyu.edu). (*Corresponding author: Jun Li.*)

0018-9251 © 2024 IEEE