

Comment and Correction

Corrections to “On the Feasibility of Wireless Communications for Safety Applications in Industry”

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In [1], (7) and (8) should read as follows:

First correction:

$$P_{ue}(C, N, \gamma_0) = \sum_{m=d}^N A_m \int_0^{\infty} p(\gamma)^m [1 - p(\gamma)]^{N-m} f(\gamma) d\gamma$$

$$f(\gamma) \approx \frac{2}{(1+\rho)\gamma_0} \cdot [e^{-\frac{\gamma}{\gamma_0}} - e^{-\frac{2\gamma}{(1-\rho)\gamma_0}}]. \quad (7)$$

Second correction:

$$P_{ue}(C, N, \gamma_0) = \sum_{m=d}^N A_m \int_0^{\infty} p(\gamma_1)^m [1 - p(\gamma_1)]^{N-m}$$

$$\cdot f(\gamma_1) d\gamma_1 \int_0^{\infty} p(\gamma_2)^m [1 - p(\gamma_2)]^{N-m} f(\gamma_2) d\gamma_2$$

$$f(\gamma_i) = \frac{\sigma_i^2 e^{-\frac{\gamma_i \sigma_i^2}{\gamma_0}}}{\gamma_0} \quad (8)$$

REFERENCE

- [1] P. Sanz, Ó. Seijo, M. Canto, J. Montalban, P. Angueira, and I. Val, “On the feasibility of wireless communications for safety applications in industry,” *IEEE Trans. Ind. Informat.*, vol. 19, no. 3, pp. 2432–2441, Mar. 2023, doi: [10.1109/TII.2022.3160631](https://doi.org/10.1109/TII.2022.3160631).

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