

Correction to “Rayleigh Fading Multi-Antenna Channels”

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Equation (7) in [1] should be

$$\begin{aligned} C(\gamma, t, r) &= \mathbb{E} \left[\log \det \left(\mathbf{I} + \frac{\gamma}{t} \mathbf{H} \mathbf{H}^* \right) \right] \\ &= \frac{m!}{(n-1)!} \int_0^\infty \log \left(1 + \frac{\gamma}{t} x \right) e^{-x} x^{n-m} \\ &\quad \times [L_{m-1}^{n-m}(x) L_{m-1}^{n-m+1}(x) - L_{m-2}^{n-m+1}(x) L_m^{n-m}(x)] dx. \end{aligned} \tag{7}$$

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REFERENCES

- [1] A. Grant, “Rayleigh fading multi-antenna channels,” *EURASIP Journal on Applied Signal Processing*, vol. 2002, no. 3, pp. 316–329, 2002.