Errata
for
Space-Time Coding
Theory and Practice
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1 In Page 19, line -3, after (1.25), the sentence “This $M$-fold increase in the receive average SNR results in a diversity gain of $M$.,” should be replaced by “Similar to this $M$-fold increase in the receive average SNR, maximum ratio combining results in a diversity gain of $M$."

2 In Page 39, line -4, the sentence “The outage capacity $C_{\text{out}}$ is a value that is smaller than the random variable $C$ only with a probability $P_{\text{out}}$ (outage probability).” should be “The outage capacity $C_{\text{out}}$ is a value that the random variable $C$ is smaller than only with a probability $P_{\text{out}}$ (outage probability).”

3 In Page 47, Equations (3.4), (3.5), and (3.6), $\frac{M \times M}{2}$ should be $\frac{T \times M}{2}$

4 In Page 65, Equation (4.34), $1 \leq n < n' \leq N$ should be $2 \leq n < n' \leq N$

5 In Page 65, the line after Equation (4.34), $\rho(N) = N - 1$ should be $\rho(N) = N$

6 In Page 67, Equation (4.41), $\sum_{n=1}^{N} (s_n - s'_n)^2$ should be $\left( \sum_{n=1}^{N} (s_n - s'_n)^2 \right)^N$

7 In Page 79, Equation (4.78), $\kappa \sum_{k=1}^{K} |s_k - s_k'|^2$ should be $\left( \kappa \sum_{k=1}^{K} |s_k - s_k'|^2 \right)^N$

8 In Page 121, line -5, $\sum_{k=1}^{d} |s_i|^2$ should be $\sum_{k=1}^{d} |s_k|^2$

9 In Page 124, line -10, $(\mathcal{V}_1, \mathcal{V}_4)$ should be $(\mathcal{V}_1, \mathcal{V}_5)$

10 In Page 124, line -10, $(\mathcal{V}_2, \mathcal{V}_5)$ should be $(\mathcal{V}_2, \mathcal{V}_6)$

11 In Page 130, line 19, $b$ “input bit” should be $b$ “input bits”
12 In Page 136, line -1, “input bit” should be “input bits”

13 In Page 186, line -7, “symbols pair” should be “symbols”

14 In Page 195, line 19, “[133]” should be “[132]”

15 In Page 221, line 14, “discussed in Chapter ,” should be “discussed in Section 1.6,”