

Page 48. The line that reads *5-5 Numerical Results* and the following three lines should be removed.

Page 49. The second line of the top paragraph: The sentence should read *..., that have equal throughput,...*

Page 54. The following sentence should be added to the first paragraph on this page: *Orthogonal Gold codes of length 128 are used in the simulations but Gold codes of length 127 are used in the analysis.*

Page 64. Eq. (A-3): The '=' at the end of the sixth line of the equation should be a '+'.

Bibliography

Reference [24]. The second line: *... Internal report, ...* should read *... Tech. report no. 15, ...*

Reference [31]. The reference should be:

T. Ottosson and A. Svensson, "Multi-rate performance in DS/CDMA systems," *Tech. report no. 14, Dept. of Information Theory, Chalmers University of Technology*, March 1995.

Besides the list above there are also a few wrong word endings, which I hope you will not find too annoying.

Interference Cancellation for DS/CDMA Systems in Flat Fading Channels

Errata and comments

Page i. The first line of the third paragraph. **Page 4.** The second line of the third paragraph: The word *rectangular* should be *square*.

Page 2. Six lines from the top: The word ‘a’ should be removed.

Page 4. Eight lines from the top: The sentence should be ... *any square lattice QAM format*.

Page 6. Eq. (2-5): $C_{k,f}^{I/Q}$ should be written with a lower-case letter, $c_{k,f}^{I/Q}$. Compare with eq. (A-6).

Page 8. Line two after Eq. (2-8): Full stop should be added after ... *of the k^{th} user*. and the last part of the sentence should be removed.

Page 9. Eq. (2-11): $\phi_{k,1}$ should be ϕ_k .

Page 15. Eq. (3-3) and (3-4): The ‘-’ between the terms within square brackets should be ‘+’.

Page 16. Eq. (3-5): The ‘+’ between the terms within square bracket should be ‘-’ given the definition in (3-6).

Page 27. The last line on the page: $\eta_j^I = \eta_j^Q$ should be ${}^i\eta_j^I = {}^i\eta_j^Q$.

Page 28 and Page 33. Note that figure 4-1 and figure 4-2 are drawn in a compact way. Refer to Eq. (2-1) for the corresponding received signal for QAM modulated signals.

Page 29. Eq. (4-18): $k = i + 1$ should be $k = n + 1$.

Page 31. Eq. (4-26): $k = h + 1$ should be $k = n + 1$.

Page 34. Eq. (4-32): A ‘-’ is missing at the end of the first line.

Page 36. Eq. (4-39): Unfortunately the indices in Eq. (4-39) are very unclear. The signals are numbered both sequentially and using double indices. To make the equation clear we rewrite it here, i.e.,

$$\begin{aligned} \eta_{g,h}^I &= \left(\frac{M-1}{3} \cdot \frac{E_0}{2TN^2} \right) \sum_{\substack{j=1 \\ j \neq g}}^{\Delta_h} \alpha_h^2 (\theta_{(j,h),(g,h)}^{II}(0))^2 + \\ &\left(\frac{M-1}{3} \cdot \frac{E_0}{12N^3T} \right) \sum_{k=h+1}^K \sum_{j=1}^{\Delta_k} \alpha_k^2 (r_{(j,k),(g,h)}^{II} + r_{(j,k),(g,h)}^{OI}) + \\ &\frac{1}{6N^3} \sum_{k=1}^{h-1} \sum_{j=1}^{\Delta_k} [\eta_{j,k}^I r_{(j,k),(g,h)}^{II} + \eta_{j,k}^Q r_{(j,k),(g,h)}^{OI}] + \frac{N_0}{4T} \end{aligned} \quad (4-39)$$

where (j, k) defines the k^{th} user's j^{th} signal.

Page 37. Eq. (4-41): Given the reason above we rewrite Eq. (4-41) as well, i.e.,

$$\begin{aligned} {}^i\eta_{g,h}^I &= \frac{1}{6N^3} \sum_{k=1}^{h-1} \sum_{j=1}^{\Delta_k} [{}^i\eta_{j,k}^I r_{(j,k),(g,h)}^{II} + {}^i\eta_{j,k}^Q r_{(j,k),(g,h)}^{OI}] + \\ &\frac{1}{6N^3} \sum_{k=h+1}^K \sum_{j=1}^{\Delta_k} [{}^{i-1}\eta_{j,k}^I r_{(j,k),(g,h)}^{II} + {}^{i-1}\eta_{j,k}^Q r_{(j,k),(g,h)}^{OI}] + \frac{N_0}{4T} \end{aligned} \quad (4-41)$$