Corrections after Second Printing (2007)

p. 18, Problem 1.1 [11 Nov 08]
The scaling in “erf” here is incorrect according to the standard definition of the error function. Therefore, “erf” should be renamed “f” (say) all over and not referred to as the “error function,” and its domain should be changed to $\mathbb{R}^+$. 

p. 21, Problem 1.9, item 4 [28 Feb 12, thanks to P. Vontobel]
In the hint, change “Schwartz” into “Schwarz”. 

p. 40, Problem 2.13, part 4, line 1 [20 Nov 18]
Change “part 4” into “part 3”. 

p. 46, Problem 2.24, line 17 [19 Dec 12, thanks to U. Pereg]
Change “$F^{2^k}$” into “$R^{2^k}$”. 

p. 121, Problem 4.10 [26 Dec 09, thanks to S. Moran]
In lines 1 and 4, change “$d = w$” and “$d=2t+1$” into “$d \geq w$” and “$d \geq 2t+1$”, respectively (since the attaining code in part 2 can have minimum distance larger than $2t+1$, as is necessarily the case when $q = 2$). 

p. 122, Problem 4.12, part 3 [07 Dec 11]
The right-hand side of the equation can be simplified to $(n-t)(q-1)q^{t-1}+q^t$ (counting separately bursts that start at the last $t$ positions). 

p. 126, Problem 4.21, part 1 [19 Aug 08]
The inequality can be improved to:

$$P_{err} \leq \frac{W_C(p) - 1}{q - 1}.$$ 

p. 180, line 2 [12 Aug 13]
Change “$r$” into “$(r-2)$” (i.e., the bound is stronger than stated). Consequently, change the four occurrences of “$(D-1)$” in Theorem 5.4 (lines 5 and 6) and its proof (last line on p. 180 and line 2 on p. 181) into “$(D-3)$”, and the last two occurrences of “$D$” in Corollary 5.5 (lines 4 and 5) into “$(D-2)$”. 

p. 181, line 2 after Corollary 5.5 [12 Aug 13]
Change “namely, when $D < p^{m/2} + 1$” into “e.g., when $D \leq p^{m/2} + 1$”. 

p. 236, Problem 7.11, part 6, line 2 [11 Feb 09, thanks to L. Neeman]
Change “$2^{2 \cdot 3^n}$” into “$2 \cdot 3^n$”. 

p. 296, Notes on Section 9.7 [25 Jul 12]
In line 4, change “$\ell O(1) N \log N$” and “$O(\ell N)$” into “$O(\ell^2 N \log^2 N \log \log N)$” and “$N$”, respectively. 

p. 433, Problem 13.19, item 3 [28 Feb 12, thanks to P. Vontobel]
In the hint, change “Schwartz” into “Schwarz”. 