List of Errors in Second Printing

DESIGNS AND THEIR CODES

(1993 Paperback Edition, ISBN 0-521-45839-0)

E. F. Assmus, Jr and **J. D. Key**

Page	Line	
22	-13, -8, -2	for "$Tac(\mathcal{P})$" read "$Tac(\mathcal{B})$"
22	-12	for "$Tac(\mathcal{B})$" read "$Tac(\mathcal{P})$"
23	6	for "$Tac(\mathcal{B})$" read "$Tac(\mathcal{P})$"
23	18	for "$Tac(\mathcal{P})$" read "$Tac(\mathcal{B})$"
53	-2	for "13" read "14"
86	2	for "$W_C^{\perp}(Z) = B_i Z^i$" read "$W_{C^{\perp}}(Z) = \sum_i B_i Z^i$"
86	7	for "$W_C^{\perp}(Z)$" read "$W_{C^{\perp}}(Z)$"
91	-7	for "$0 \leq k$" read "$0 < k$"
214	13	This exercise is not correct. Words of weight $q+4$ may exist.
274	17	for "p" read "$p\|(q+1)$"
286	5, 4	move "42_D^{32} to line 4, replace "32_D^{42}" by "32_C^{42}"
290	8	for "D" read "D_1"
304	16, 18	for "$\sqrt{(n^3-2n^2-1)/2}$" read "$\frac{1}{2}(1+\sqrt{(2n^3-6n^2+9)})$"
304	20	for "$\sqrt{(2^{3m}-2^{2m+1}-1)/2}$" read "$\frac{1}{2}(1+\sqrt{(2^{3m+1}-2^{2m+1}3+9)})$"
311	21	In the last line of the proof, before the final sentence, insert: "If p divides $m-1$ and does not divide $m+1$ then summing all the blocks shows that $\jmath \in C_p(\mathcal{I})$. Further, summing all the blocks through any two distinct points x and y, gives a vector with entry $m+1$ at x and y and 1 elsewhere. Since $m+1 \equiv 2 \pmod{p}$, this implies that $v^{\{x\}} + v^{\{y\}} \in C_p(\mathcal{I})$. Taking a third point z gives $v^{\{x\}} - v^{\{y\}}$, and hence $v^{\{x\}}$, in $C_p(\mathcal{I})$ for any x, since $p \neq 2$."
321		[62]: read "Z."

May 21, 2005