

Page	Line	Now reads	Should read
4	-6	one to one	} inconsistent, I prefer "one-to-one" as adjective
158	-3	one to one	
514	Index	one-to-one	
5	1	one-to-one	
10	Exc. 37	one-to-one	
10	-8	modulo in $\mathbb{Z}$	} modulo n in $\mathbb{Z}$ $z_1 = a + bi$ element is both [cf. Ex. 24f]
13	5	$z_1 = a + bi$	
24	Exc. 24	element in both	
29	1 (after tables)	ein, zwei, drei	
29	-10	pairing $x \leftrightarrow x$	
29	-2	$\phi(y) *' \phi(y)$	} Walther von Dyck z_8 $\phi(x) *' \phi(y)$ $(a')' = a$ resp. $(a^{-1})^{-1} = a$ a. b. real $m \times n$ matrices real $n \times n$ matrices of real matrices
30	13	Exercise 27	
38	-5 right	Walter von Dyck	
81	-4 right	Walter Van Dyck	
42	Thm. 4.17	—	
27	Exc. 23	a b	} Update 10 DEC 2009
40	6	$m \times n$ matrices	
"	8	$n \times n$ matrices	
"	10	of matrices	
46	1		

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Page	Line	Now reads	Should read
86	Exc. 44 line 3	permutations in d	permutations is a
92	7	should be only	should be the only
96	Exc. 31	subgroup of S_n	of S_A
106	23	The mn/d	Then
110	5	subgroup $\mathbb{Z}_{(p)}^{\times}$	subgroup of
126	15	abelian?	abelian.
131	-13	in G	in D
134	Exc. 32h	of some groups of G	of some group of G [cf. Exc. 32g, should also specify "nontrivial"]
135	Exc. 53	group, Let h, k	group, let
136	25	above <u>that</u> , we	above, we
136	26	with <u>a</u> those	with those
138	7	Theorem 14.1 Equation 4	Theorem 14.1. Equation...
139	14	element <u>of</u> x	element x
152	Exc. 19g	subgroup <u>of</u> C of G	subgroup C of G
153	Exc. 35	$\phi[N]$ is normal	$\phi[N]$ is a normal
82	6	Theorem 8.14	Theorem 5.14
108	Hist. Note	Carl Gauss	Carl Friedrich Gauss
115	-12	$\phi_i: \{\phi_j(0,0)\}$	$\phi_i: [\phi_j(0,0)]$
143	Exc. 38	i_e is	i_e is

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Page	Line	Now reads	Should read
301	-11		
"	-4		
304	13	$\mathbb{Z}_{11}^*$, of irreducible	$\mathbb{Z}_{11}^*$, of the irreducible
314	11	$\phi(Hx) =$	$\phi(Hx) =$
314	-8	H_{ij}	$H_{i,j}$ [comma, as just below]
317	Thm. 35.16	proper normal	(?) proper nontrivial normal
320	Exc. 24	proper normal subgroup	proper nontrivial subgroup
330	-12		[final period]
401	1 right	Göttingen	Göttingen
426	16	$\tau[F]$	$\tau[\overline{F}]$
480	Item 2.	$\det(A) \det(B)$	$\det(A) \det(B)$

Page	Line	Now reads	Should read
155	6	S_n set.	S_n -set.
"	-9	X is G -set	X is a G -set
"	-9	Theorem 13.15	Cor. 13.20 [seems a much better fit]
156	12	R -set (or a C -set)	R -set (or a C -set)
158	-3	of right cosets	of left cosets
159	6	$g_1 Gx$. Namely	$g_1 Gx$ [subscript]
"	Exc. 6	orbits in X and G .	in X under G .
160	-5	$H = G_{x_0}$ describe	$= G_{x_0}$, describe
161	Exc. 18	$\mathbb{Z}_4$ sets	$\mathbb{Z}_4$ -sets
169	20	is as ring.	is a ring.
213	-13	$a_i \in \mathbb{Z}_d$,	$a_i \in \mathbb{Z}_{d_i}$, [subscript i]
219	Exc. 25f	[Repeat of previous line]	?
226	10	for proof of	for a proof of
241	1	additive	additive
247	7	Theorem 30.18	29.18
283	12	E is finite	E is a finite
297	7	Theorem 32.4	31.4
289	-5, -7	principal	principle

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Page	Line	Now reads	Should read
500	§17 Exc. 9 b	6, 246	6, 426
505	§34 Exc. 5 d	$\dots = \{\{0, 8, 16\}, 4, 12, 20\}\}$	$= \{\{0, 8, 16\}, \{4, 12, 20\}\}$
515	- 2 middle	—	Freshman exponentiation, 196, 422
515	- 2 middle	finitely-generated	finitely generated
513	Alternating	, 91	, 93
519	Sub-G-set	, 154	, 159
520	Upper-triangular	, 48	, 46
518	proper subset	, 1	, 2
484	Ref. 34	I. Niven	I. Niven
485	Ref. 44	and R. Robbins	and H. Robbins
485	Ref. 41	S. MacLane	S. Mac Lane [with space —
			In a conversation with me, Saunders
			Mac Lane insisted on <u>two</u> words.
			But the title page of Ref. 12 shows MacLane
			without space. More in his autobio-
			graphy (2005).]