ERRATA

Ulrich Knauer: Algebraic Graph Theory. Morphisms, Monoids and Matrices
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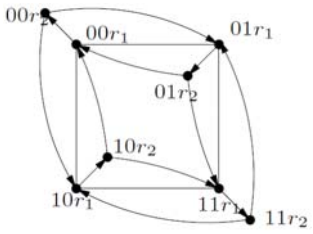
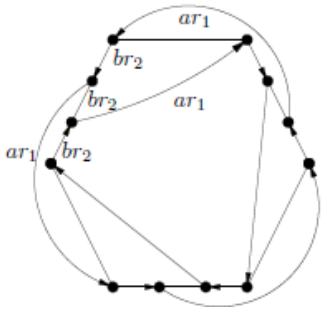
Page	Line	Printed	Should Read
8	-15	… that have a loop at every vertex.	… that have a loop at every vertex. Illustrating pictures follow on page 12.
8	-3	When $G = G'$, we use the prefixes "endo", "auto" instead of "homo", "iso" etc.	When $G = G'$, we use the prefixes "endo", "auto" instead of "homo", "iso".
9	-15	Delete: The rest is clear.	
9	5	Remark 1.4.5.	Remark 1.4.6.
9	10	Remark 1.4.6.	Remark 1.4.5.
11	-7	… the central source	… a central source
13	7, 8	*If* $\mathrm{Aut}(G) \neq \mathrm{SEnd}(G)$*, then* $\lvert\mathrm{SEnd}(G) \setminus \mathrm{Aut}(G)\rvert$ *contains at least two idempotents.*	*If* $\mathrm{Aut}(G) \neq \mathrm{SEnd}(G)$*, then* $\mathrm{SEnd}(G) \setminus \mathrm{Aut}(G)$ *contains at least two idempotents.*
13	7	Corollary 1.5.6.	Corollary 1.5.7.
13	9	Definition 1.5.7.	Definition 1.5.6.
13	16	… an injective homomorphism g from $f(\mathrm{G})f$ to G …	… an injective homomorphism g from $f(\mathrm{G})$ to G …
27	10	… This example shows that …	… This example illustrates that …
28	5	… to be a real problem …	… to be a difficult problem …
35	16	The following definition …	The following definition of the characteristic polynomial …
42	-7	… (cf. Section 4.1).	… (cf. Section 5.1).
46	-12	the internet.	the Internet, for example *en.wikipedia.org/wiki/Permanent*.

Page	Line	Printed	Should Read
51	2	... the category *Set*, ...	... the category of sets, ...
53	8	... is a monoid set, ...	... is a monoid, ...
53	14, 15	Delete: i.e. it is a one-element set	
53	-8	They are not constructions, ...	They are not constructive, ...
54	5	Direct sums of vector spaces turn out to be ...	Direct sums of vector spaces (with the natural injections) turn out to be ...
54	8	... consists of the	... consist of the
155	-5	four vertices, we wee that ...	four vertices, we see that ...
155	-2	Also, (μ, ξ) ...	We get (μ, ξ) ...
205	5	Delete: i.e.	
236	7	Gx	Ax
237	5	xG	xA
243	-1	$(1_\beta, l_2)$	$(l_2, 1_\beta)$
244	1	$(1_\gamma, l_1)$	$(l_1, 1_\gamma)$
263	-7, -6	Another alternative it ...	Another alternative is ...
264		In the top right triangle of the figure the arrows must be directed counter clockwise.	
264	6	D_{2n}.	D_{2n} if *n* is odd.
271	5	Note that a third generator ...	Note that a fourth generator ...
271	6	(0, 0, r_2) will not preserve ...	(0, 0, r_3) will not preserve ...
271		Replace the second figure by the following more precise one:	



Page	Line	Printed	Should Read
272	-12	Now consider the generators (a, r_1), (b, r_1), (1, r_2) ...	Now consider the generators (a, r_1), (b, r_1), (1_A, r_2) ...
272	-1	...) which is of order 2.	... which are of order 2.)
273		Insert in the middle of the two figures on top the following:	



274	-1	... has genus 1 for m, n > 2.	... has genus 1 for m, n > 2, gcd (m, n) > 1.
307, 308		Add: *F*(*x*,*y*), 3 mipo(*G*;*t*), 44 ***P***, 53	

We apologize sincerely for the mistakes. If you notice any other misprint, we would appreciate a short message to info@degruyter.com. Thank you in advance!

De Gruyter
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