

Errors and Omissions

Introduction to the Mathematics of Subdivision Surfaces,
by L.-E. Andersson and N. F. Stewart, SIAM, April 2010

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The notation “line $(-n)$ ” means n lines from the bottom of the page. Text in figures and figure captions is excluded from line counts.

The authors would be grateful to be informed of further errors, omissions or inconsistencies:

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1 Errors

1. Page 158, line (-1). The unproved assertion in this line is false. See:
I. P. Ivriissimtzis, M. A. Sabin and N. A. Dodgson. On the support of recursive subdivision. *ACM Trans. Graphics* (23), pp. 1043-1060, 2004.
2. Page 222, line 13. “ $(0, 0, 1)^t$ ” should be replaced by “ $(0, 0, 1/2)^t$ ”.
3. Page 255, line (14). The words “and this” should be replaced by “and this, after normalization so that the sum of the components is 1,”. Also, at line (-7), “ $8w(n)$ ” should be replaced by “ $8w(n)/n$ ”.
4. Page 274, line (-8). “Theorem 6.4.6” should be replaced by “Corollary 6.4.6”.
5. Page 289, Figure 7.1. The colours of the two black and white vertices, in the figure on the right, should be interchanged.
6. Page 290, line 7. “points” should be replaced by “edges”.

2 Notation

1. Page 40, line (-12) and following. The notation ω for the cardinality of the natural numbers is not consistent with usual mathematical usage.

2. Page 274, lines 1 and 2. Definition of the notation

$$\mathcal{I}_d = \{(a_1, a_2) \in \mathbb{Z}^2 : 0 \neq (a_1, a_2), 0 \leq a_1, 0 \leq a_2, a_1 + a_2 \leq d\}$$
$$\mathcal{I}_{(d_1, d_2)} = \{(a_1, a_2) \in \mathbb{Z}^2 : 0 \neq (a_1, a_2), 0 \leq a_1 \leq d_1, 0 \leq a_2 \leq d_2\}$$

was omitted.

3 Index

1. Page 351, column 1, under “degree”, “*bidegree, 268*” might be added.
2. Page 352, column 1, under “Fourier transform”, a second subheading might be added: “*analysis of precision, 269-280*”.