

Errata for September 18, 2006
Classics on Fractals, paperback edition 2003 edited by G. A. Edgar

- Page 92 Line 1.** Replace $\xi = (1/2)^p < 1/2$ by $\xi = (1/2)^{1/p} < 1/2$
- Page 100 Line 7.** Before –Ed. add A new commentary on the paper by S. D. Chatterji has been published in [13, pp. 44–54].
- Page 100. bottom.** Add
[13] *Felix Hausdorff, Gesammelte Werke*. Band IV. Springer-Verlag, Berlin, 2001.
- Page 209 Line 5.** Replace $[1/4, 1/3]$ by $[1/4, 1/2]$
- Page 209 Line 16.** Replace denoted by $S_{2,1}$ and $S_{2,2}$
by denoted by^{30a} $S_{2,2}$ and $S_{2,3}$
- Page 209 Line -5.** Add footnote ^{30a}The original has $S_{2,1}$ and $S_{2,2}$.
- Page 211 Line 1.** Replace $[1/2, 2/3]$ by $[1/3, 2/3]$
- Page 211 Line 15.** Replace $11/32$ by $11/24$
- Page 212 Line -14.** Replace $[1/2]$ by $[1/2, 1]$
- Page 214 Line 4.** Replace $S_{1,0}$ by S_{10}
- Page 214 Line -12.** Replace $[1/2, 2/3]$ by $[1/3, 2/3]$
- Page 239 Line -5.** Replace The Strichartz by Then Strichartz
- Page 239 Line -2.** Before boundary add dimension of the
- Page 297 Line -3.** Replace Altheon by Althoen

Errata for July 17, 2003
Classics on Fractals, first edition 1993 edited by G. A. Edgar

- Page v. selection 1.** Replace Function by Functions
- Page v. selection 2.** Replace *parfait* by *parfaits*
- Page vi. selection 12.** Replace *composée* by *composées*
Replace *semblades* by *semblables*
- Page vi. selection 16.** Replace *definies* by *définies*
- Page vii. selection 17.** Replace ε -энтропия by ε -энтропия
- Page 3 Line -1.** Replace —Ed by —Ed
- Page 4 Line -4.** Replace a^m by a^n
- Page 8 Line 14.** Replace —Ed by —Ed
- Page 23.** Add [16] J. F. Floron, *A note on the history of the Cantor set and Cantor function*, *Mathematics Magazine* **67** (1994), 136–140.
- Page 72 Line 15.** Replace then by than
- Page 74 Line 14.** After poet add under the pseudonym *Paul Mongré*
- Page 74 Line 19.** No new paragraph between these fields. and The abstract
- Page 74 Line 24.** After biography. add ²
- Page 74.** Add footnote ²Addendum: [10], [11], [12].
- Page 75 Line -5.** Replace Maßvon by Maß von
- Page 100.** Add
[10] E. Eichhorn, *Felix Hausdorff/Paul Mongré: Some aspects of his life and the*

meaning of his death, *Mathematical Research* **67**, *Recent Developments of General Topology and its Applications*, 85–117, Akademie-Verlag, Berlin, 1992.

[11] H. Mehrrens, *Felix Hausdorff: Ein Mathematiker seiner Zeit*, Universität Bonn, 1980.

[12] E. Eichhorn and E.-J. Thiele, editors, *Vorlesungen zum Gedenken an Felix Hausdorff*, Berliner Studienreihe zur Mathematik **5**, Heldermann Verlag, Berlin, 1994.

Page 102 Line 8. Add See [13] for a brief summary of Menger's work.

Page 112 Line 9. Delete ¹¹

Page 116 Line 12. Replace Sierpinski **by** Sierpiński

Page 116. Add [13] S. Kass, *Karl Menger*, *Notices of the American Mathematical Society* **43** (1996), 558–561.

Page 132 Line -9. After Pontrjagin **add** ¹

Page 132 Line -4. Replace Genrihovich **by** Genrikhovich

Page 132 Line -4. After Schnirelmann **add** ¹

Page 132. Add footnote ¹These are the transliterations used in the *Annals of Mathematics* (1932). In Cyrillic: ПОНТРЯГИН, ШНИРЕЛЬМАН.

Page 144 Line 9. Replace Samilovitch **by** Samoilovitch

Page 144 Line 10. Replace Bordjansk **by** Berdjansk

Page 167 Line -6. Replace $\pi \notin E_{14.65}$ **by** $\pi \notin E_{8.0161}$

Page 167 Line -5. Replace Chudnovsky and Chudnovsky **by** M. Hata [14]

Page 168. Add [14] M. Hata, *Rational approximations to π and some other numbers*, *Acta Arithmetica* **63** (1993), 335–349.

Page 236 Line -8. After as 2? **add** [The dimension of this boundary (and many other boundaries of self-similar tiles) was computed by Duvall & Keesling (*The dimension of the boundary of the Levy Dragon*, *International Journal of Mathematics and Mathematical Sciences* **20** (1997) 627–632). The dimension is approximately 1.93400718298829; it was determined from the largest eigenvalue of a certain primitive 734×734 matrix. Then Strichartz & Wang (*Geometry of self-affine tiles I*, preprint) obtained the same result using an 11×11 matrix. Keesling (*The boundary of a self-similar tile in \mathbb{R}^n* , preprint) says that the boundary of a tile must be strictly less than 2, but may be as close to 2 as we like.]

Page 237 Line 15. Replace plain **by** plane

Page 240. Between the two paragraphs on page 240, insert the first paragraph from page 241.

Page 241 Line -1. Replace —Ed **by** —Ed

Page 258 Line 5. After [8, Theorem 5.11]. **add parenthesis**)

Page 282 Line 13. Add —Ed.

Page 297. Add [18] S. C. Althoen, K. E. Schilling, and M. F. Wyneken, *Cutting corners: A four-gon conclusion*, *College Mathematics Journal* **25** (1994), 266–279.

Page 299 Line -4. After Šnirel'man **add** ¹

Page 299. Add footnote ¹Transliterations here are those used by the American Mathematical Society in 1961. This Šnirel'man (ШНИРЕЛЬМАН) is the same as the Schnirelmann on page 132. Nowadays the American Mathematical Society uses a different system, and this would be Shnirel'man.

Page 319 Line -2. Replace {Phi} **by** {Φ}

Page 323 Line -2. Replace $\bar{d}(A)$ **by** $\overline{df}(A)$

Page 333 Line 8. Replace alway **by** always

Page 337 Line 2. Replace [translation, p. 365, this volume] **by** [English translation: *American Mathematical Society Translations* Series 2, Volume 17, p. 365]

Page 340 Line 3. Replace The manuscript **by** Bolzano's manuscript

Page 355. The four pictures are in reverse order; the captions on their right are in the correct order.

Page 357 Line 11. After self-similarity. **add** —*Ed.*

Page 357 Line 13. Replace *length* **by** *Length*

Page 362. After Taylor, S. J., 268 **add** Tihomirov, V. M., 298

Page 363 Line 6. Replace Function **by** Functions

Page 363 Line 13. Replace parfait **by** parfaits

Page 364 Line -3. Replace composée **by** composées

Page 364 Line -2. After *Polytechnique* **add** 81

Page 365 Line 13. Replace définies **by** définies

Page 365 Line -14. Replace ε -энтропия **by** ε -энтропия