Corrections to first printing of second edition of
THE BANACH-TARSKI PARADOX, by G. Tomkowicz and S. Wagon

Errata

p. xiii, Addendum to Foreword, last line: 13.13 → 13.15

p. 12, line -4 of the proof: $\bigcup g_i(S^*)$ should be $\bigcup g_i(A_i^*)$

p. 15, line 12: is → is in
p. 15 line 9 V_σ^- should be V_τ
p. 15 line10 V_τ should be V_τ^-
p. 15 line 11 V_τ^- should be V_σ^-
p. 20 line 8 (3, (0,1,2)) should be (3, (2,1,0))

p. 52 line 7: S_{2-i} should be S_{3-i}; twice.

p. 52, line 13 after proof of 4.11, "weak Sierpinski" should be "weak Mycielski".

p. 89, line 5: So V_i here should be V_j.

p. 90, Proof of Claim line 4: s to $s+1$ should be n to $n+1$.

p. 90, line 2, $M_{i_1} M_{i_2} \cdots M_{i_2}$ should be $M_{i_1} M_{i_2} \cdots M_{i_s}$

p. 91. Conjecture 6.11 has been settled positively by Michael Elgersma and Stan Wagon.

Michael Elgersma and Stan Wagon, An asymptotically closed loop of tetrahedra, *The Mathematical Intelligencer*, 2017, to appear.

Michael Elgersma and Stan Wagon, The Quadrahelix: A nearly perfect loop of tetrahedra, https://arxiv.org/abs/1610.00280, submitted Oct 1, 2016.

p. 111, line before Thm. 7.18: §4.6 should be §4.5.

p. 112, line -6: [Myc258] → [Myc58b]

Page 126. The question at the end of §8.1 regarding conditions on a metric space has been solved and the answer is YES. The paper, by G. Tomkowicz, has been submitted.

p. 179, third line of the proof of 10.24: algebraically independent → linearly independent.

p. 208, line 6: 11.7, should be 11.8.

p. 211, line -20. if κ bears a countably additive measure → if κ bears a κ- additive measure (meaning: the measure is additive for sets of size strictly less than κ)

p. 275, line 10 mod1 → mod 1

p. 294, line -7, 14.5 → 14.15.

p. 299, line 23: Note that by Theorem 15.2 → Note that by Theorem 15.1

p. 346 line 11. Ło should be Łoś

New work.

A. S. Marks and S. T. Unger, Borel circle squaring, Dec. 2016 preprint (https://arxiv.org/abs/1612.05833).

This paper shows that the famous circle-squaring of Laczkovich can be carried out with pieces that are Borel sets.

G. Tomkowicz, accepted

A. D. Taylor and S. Wagon, A Paradox Arising from the Elimination of a Paradox, Amer. Math. Monthly, to appear.

Code to Check