Alfred Tarski: Early Work in Poland—Geometry and Teaching

Andrew McFarland, Joanna McFarland, and James T. Smith, editors

Errata and Addenda

This document acknowledges errors, corrects some, and briefly reports additional relevant information that came to light only after publication.[1] The symbol ¶ stands for "paragraph beginning".

Front matter: Illustrations

xxii	*Central Europe in 1914*	Above the text "300 km" in the upper-left box should appear the symbol ├──────┤ with width adjusted to 86% of the interior width of the box. (This error stemmed from a bug in the conversion from word-processor file format to `*.pdf` format.)
xxiii	*Central Europe in 1924*	Same error as page xxii.

Chapter 4

4.2 The Measure Problem

51	Footnote 10	Change Maligranda 2008 to 2008a.
57	¶"By chance in"	Change 1922 to 1920.

Chapter 7

134	Line 6	Change "on the next page" to "below".

Chapter 8

167	Line 3	Change "page 44" to "page 70".

Chapter 9

9.3 Teaching Teachers

188	¶"In 1915, Pieri's"	See the note for 9.4, page 194.

9.4 Research Seminars

194	¶"In 1926/1927 Tarski"	In an October 1926 primer for first-year Warsaw students, Adolf Lindenbaum, then still a graduate student, wrote an article listing a few essential sources for information about foundations of mathematics. For geometry, he specifically recommended Pieri 1915. (Purdy 2015)

9.5 Warsaw/Poznań Congress, 1929

201	Footnote 64	Change "Kyrille Popoff" to "Stanisław Zaremba," and "Leon Lichtenstein" to "Kazimierz Żórawski." These tentative identifications stem from Lech Maligranda (2014), who also suggests that "Mojżesz Presburger" be changed to "Jovan Karamata."

Chapter 12: Exercises Posed by Tarski

Introduction

248	¶"Tarski's exercises"	Append "The elementary exercise in 12.2 was recently extended."

[1] These corrections are *not* entered on the master copy at http://smith-at-sfsu.net/Documents/TarskiBook/TarskiBook.htm

248 Footnote 13 — Append the sentence "Maligranda 2008b."

Section 12.2

251 Append a new paragraph: — Recently, Lech Maligranda (2008b, 37) extended the equation of this exercise as follows:

$$\big||a|-|b|\big| = |a+b| + |a-b| - |a| - |b| = \min\{|a+b| + |a-b|\}.$$

The proof of the second equality is similar to that of the first.

12.11 Exercise 183: Postulate about Parallels

267 ¶"*Impact*. No reader", ¶"Tarski published his" — Reversing R, R' and S, S' would make this argument neater.

Chapter 15: Assorted Contributions

Section 15.6: Tarski 1930 –1931, on the Concept of Truth

356 ¶"At a December" — Move footnote 33 to the following sentence.

356 ¶"Tarski presented another" — Append "For a detailed account and analysis of its production, see Woleński 2017, Gruber 2016, and the letters Tarski et al. [1933–1937] 2016."

Chapter 16: Posthumous Publications

Section 16.3: Letters

393 Insert new entry after item Tarski [1933] 2003 — Tarski, Alfred, et al. [1933–1937] 2016. Twenty-six letters between Tarski, Kazimierz Twardowski, Joseph Woodger, and Karl Popper written during 1933–1937. Polish and German originals are included and translated into English by Monika Gruber. In Gruber 2016, chapter 4, 153–219. Mostly concerned with publication of Tarski [1933] 1935, sixteen are by Tarski, seven by Twardowski, two by Woodger, and one by Popper.

396 New entry before item "Tarski [1937] 2003" — Tarski, Alfred. [1936–1950] 2021. The Tarski–Woodger correspondence: 1936–1950. In Mancosu 2021, 37–99. Letters from Tarski to Joseph H. Woodger, eleven in German and fourteen in English, all summarized with commentary in Mancosu 2021.

The English biologist Woodger was a personal friend of Tarski. They first collaborated on research on the logical structure of biology (Woodger 1937). Woodger helped publish Tarski [1940] 1967 and [1948] 1957 and translated the papers in Tarski [1956] 1983. Mancosu's comments include information about Tarski's personal affairs and philosophy and about the preparation of these publications.

396 New entry after item "Tarski [1937] 2003" — Tarski 1938–1953. Eight letters to Heinrich Scholz, 6 October 1938, 7 January 1941, 8 January 1941, 22 May 1941, 21 October 1946, 26 June 1948, 24 October 1949, and 15 July 1953. University of Muenster Library, Nachlass Heinrich Scholz. In preparation for publication by Gabriela Besler. Three of these are excerpted and translated as Tarski [1941–1948] 2004.

396 New entry after item "Tarski [1940] 1996–1999" — Tarski [1941–1948] 2004. Three letters to Heinrich Scholz, 7 January 1941, 21 October 1946, and 26 June 1948. University of Muenster Library, Nachlass Heinrich Scholz. Excerpted and translated in Feferman and Feferman 2004, 137, 168–172. The originals are in Tarski 1938–1953.

Chapter 17: Biographical Studies

404 New entry before "•Hiż 1971"

• Gruber, Monika. 2016. Alfred Tarski and the "Concept of Truth in Formalized Languages"—a running commentary with consideration of the Polish original and the German translation. Dordrecht: Springer. Contains Tarski et al. [1933–1937] 2016.

This account of the publication of Tarski [1933] 1935 is also summarized in Woleński 2017.

405 New entry before "•Melnick"

• Mancosu, Paolo. 2021. Logic and biology: the correspondence between Alfred Tarski and Joseph H. Woodger. *Journal of Humanistic Mathematics* 11(2): 18–105. Contains Tarski [1936–1950] 2021.

This article includes, summarizes, and provides background for twenty-five letters from Tarski to Woodger written during 1935–1950. The English biologist Joseph H. Woodger was a personal friend of Tarski. They first collaborated on research on the logical structure of biology (Woodger 1937). Woodger helped publish Tarski [1940] 1967 and [1948] 1957 and translated the papers in Tarski [1956] 1983. Mancosu's comments include information about Tarski's personal affairs and philosophy and about the preparation of these publications.

409 New entry before "•Woytak"

• Woleński, Jan. 2017. The story of the German translation of Tarski's book on truth. In Bar-Am and Gattei, chapter 8, 81–90.

Account of the publication of Tarski [1933] 1935. Details are provided in Gruber 2016.

Bibliography

424 New entry:

Bar-Am, Nimrod, and Stefano Gattei, editors. 2017. *Encouraging Openness: Essays for Joseph Agassi on the Occasion of His 90th Birthday*. Cham: Springer Nature. Contains Woleński 2017.

424 New entry:

Berka, Karel, and Lothar Kreiser. 1986. *Logik-Texte: Kommentierte Auswahl zur Geschichte der modernen Logik*. Fourth edition. Berlin: Akademie-Verlag. Contains a reprint of Tarski [1933] 1935.

432 Givant & Huber-Dyson 1996

Change "Adelina" to "Adam". James T. Smith apologizes to Prof. Adam Morawiec for this mistake.

432 New entry:

Gruber, Monika. 2016. *Alfred Tarski and the "Concept of Truth in Formalized Languages"—a running commentary with consideration of the Polish original and the German translation*. Dordrecht: Springer. Contains Tarski et al. [1933–1937] 2016.

440 Lebesgue 1904.

Insert "Reissued in 2009 by Cambridge University Press."

443 Maligranda 2008

Change date to 2008a and insert afterward a new entry:

———. 2008b. Some remarks on the triangle inequality for norms. *Banach Journal of Mathematical Analysis* 2: 31–41. Cited in 12.2.

443 New entry:

Maligranda, Lech. 2014. Personal letter to Andrew McFarland, 11 September.

443 New entry

Mancosu, Paolo. 2021. Logic and biology: the correspondence between Alfred Tarski and Joseph H. Woodger. *Journal of Humanistic Mathematics* 11(2): 18–105. Contains Tarski [1936–1950] 2021.

449 New entry:

Purdy, Robert. 2015. Personal letter to James T. Smith, 26 January.

462 New entry:

Tarski, Alfred. [1936–1950] 2021. The Tarski–Woodger correspondence: 1936–1950. In Mancosu 2021, 37–99. Letters from Tarski to Joseph H. Woodger, eleven in German and fourteen in English, all summarized in Mancosu 2021.

458 Tarski [1930–1931] 2014

After "reprinted in" insert "Tarski 1995–2001, volume 1, 3–8,".

460 Tarski [1933] 1935

After "Reprinted in" insert "Berka and Kreiser 1986, Anhang, and".

461	Tarski [1936a]	After "item 36" insert "This is the original version."
462	New entry	Tarski 1938–1953. Eight letters to Heinrich Scholz, 6 October 1938, 7 January 1941, 8 January 1941, 22 May 1941, 21 October 1946, 26 June 1948, 24 October 1949, and 15 July 1953. University of Muenster Library, Nachlass Heinrich Scholz. In preparation for publication by Gabriela Besler. Three of these are excerpted and translated as Tarski [1941–1948] 2004.
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465	New entry:	Tarski, Alfred, et al. [1933–1937] 2016. Twenty-six letters between Tarski, Kazimierz Twardowski, Joseph Woodger, and Karl Popper written during 1933–1937. Polish and German originals are included and translated into English by Monika Gruber. In Gruber 2016, chapter 4, 153–219. Mostly concerned with publication of Tarski [1933] 1935, sixteen are by Tarski, seven by Twardowski, two by Woodger, and one by Popper.
469	New entry:	Woleński, Jan. 2017. The story of the German translation of Tarski's book on truth. In Bar-Am and Gattei, chapter 8, 81–90.

Index of Persons

Bar-Am, Nimrod	New entry.
Berka, Karel (1923–2004)	New entry.
Besler, Gabriela (1964–)	New entry.
Ehrenfeucht, Ewa Krystyna (1938–)	Change date to (1938–2022).
Gattei, Stefano (1970–)	New entry.
Gruber, Monika	New entry.
Gupta, Haragauri Narayan	Insert date (1925–2016).
Kreiser, Lothar (1934–)	New entry.
Maligranda, Lech (1953–)	New entry.
Pigozzi, Don Leonard (1935–)	Change date to (1935–2021).
Popper, Karl Raimund (1902–1994)	New entry.
Żórawski, Kazimierz (1866–1953)	New entry.