Appendix 1: Errata and Addenda for Marchisotto and Smith 2007

In this appendix are listed errors discovered in the authors' earlier work, *The Legacy of Mario Pieri in Geometry and Arithmetic*, since its 2007 publication. Corrections are offered, as well as minor additions. Paragraphs are identified by their first two words, set in *italics*.

Appendix 1.1 Errors and Corrections

Section	*In Item*	*Change This*	*To This*
Preface	last paragraph	(Insert) after "section 5.2."	Pieri's documents from the Technical Institute in Bologna were obtained through the courtesy of Prof. Salvatore Coen of the University of Bologna and the following Institute scholars: Prof. Valeria Cinquini, Archivist of the School Library; Preside Sofia Gallo De Maio, and Vice-Preside Raffaello Romagnoli.
1.1.3	*Pieri taught*	(Insert) after "Leghorn"	"(Livorno)"
		"he"	"Pieri"
	footnote 29	1st line	(Delete)
1.1.4	top figure	figure	This is the wrong building.
	footnote 36	"Cassina 1961"	"Cassina 1961b"
1.1.5	footnotes 43, 45	"Conti"	"Conte"
1.1.8	*Pieri never*	"1914"	"1915"
1.2.1	footnote 95	"1769"	"1779"
	footnote 106	3rd & 4th sentences	"Although the journals that published Pieri's work commonly included figures, only two of his foundations papers did so. In 1904a, his last paper on real projective geometry, he displayed labeled axes three times to clarify the order of collinear points. In §3 and §5 of 1905c, his axiomatization of complex projective geometry, he used three diagrams to present properties of chains and harmonic separation, and to illustrate hyperbolic and elliptic involutions."
1.2.2	*Pieri produced*	"Like Euclid, but"	(Delete)
1.3	footnotes 164, 167	"Bura"	"Burau"
	Zeuthen sketch, *Around 1875*	"Appolonius"	"Apollonius"
2.2	footnote 9	"1882"	"1882b"
2.4	footnote 40	"Appolonius"	"Apollonius"
3	footnote 1	"1914"	"1915"
3.2	footnote 38	entirety	"[1802], 141, book V, proposition VI."

Section	*In Item*	*Change This*	*To This*
4.1	footnote 8	"[1915]"	"[1915] 1952"
	Not long	"umbers"	"numbers"
5.2.1	*By 1924*	"1914"	"1915"
5.3.1	footnotes 73, 77	"Aegis"	"Agazzi"
5.3.2	footnote 80	"1914"	"1915"
6.4.2	1908a	"1914"	"1915"
	1914	entirety	1915. *Gieometrja elementarna oparta na pojęciach "punktu" i "kuli."* Bibljoteka Wektora A3. Translated by Stefan Kwietniewski. Warsaw: Skład Głowny w Księgarni Gebethnera i Wolffa. Translation of Pieri 1908a.
6.5	1906d	"21–82"	"23–82"
6.6	1903a quotation	"may now disagree"	"disagreed"
	1905b	2nd instance of "his"	"Veblen's"
6.7.1	[1915] 1991	"1912"	"1905"
6.7.3	1910	"Approximately 900" (Append)	"762" "at the University of Parma"
	1911c	"Approximately 900 pages" (Append)	"867 pages + 3 of errata" "at the University of Parma. Essentially a republication of Pieri 1891c."
6.7.4	1980	"1914"	"1915"
6.7.5	Insert	new list item	"Skof 1999"
Bibliography.	Cantor, G. [1895–1897] 1952	"28.0081.01"	"28.0061.01"
	Catania, S. 1904	"rationale"	"razionale"
	D'Ovidio & Segre 1899	"562,"	(Delete)
	Enriques pre-1924	Entirety	———. [1900] 1914–1917. *Zagadnienia dotyczące gieometrji elementarnej*. Volume 1: *Krytyka podstaw*. Volume 2: *Konstrukcje gieometryczne i teorja izoperymetrów*. Translated by Stefan Kwietniewski and Władysław Wojtowicz. Warsaw: Skład główny w Księgarni Gebethnera i Wolfa. Translation of articles whose original versions were in the first edition of Enriques [1900] 1926.
	Enriques & Amaldi pre-1924	Entirety	———. [1903] 1916. *Zasady gieometrji elementarnej do użytku szkół średnich*. Translated by Władysław Wojtowicz. Warsaw: E. Wende i Spólka. Translation of the fifth edition of Enriques and Amaldi 1902.
	Klein 1873	"Aufsätze"	"Aufsatz"

Section	*In Item*	*Change This*	*To This*
	Kuzawa 1968	(Insert) before "LC"	"New Haven: College and University Press."
	Legendre [1794] 1849	Entirety	Legendre, Adrien-Marie. 1802. *Éléments de géométrie, avec des notes*. Fourth edition. Paris: Firmin Didot Frères. Originally published in 1794. [Cited in 3.2 and item Pieri 1908a.]
	Levi, B. 1913–1914	"1–4"	"1–11"
Bibliography	Pieri 1882–1884	(Insert) new item	Pieri, Mario, editor. 1882–1884. *Geometria Superiore dalle Lezioni del Pr. Riccardo De Paolis*. Handwritten notes taken from lectures at the University of Pisa, bound in twelve fascicles uner one cover. In possession of Francesco Campetti, Pieri's great-grand-nephew.
	Pieri 1889b	(Insert) sentence	"Some journal copies list the pages as 312–324."
	Pieri [1889] 2020	(Insert) new item	[1889] 2020. Note about paragraphs 253, 254 of Staudt 1847. One handwritten page. In possession of the Campetti family.
	Pieri 1897e	"19 April"	"9 April"
	Pieri [1901] 1997	"69"	"letter 63"
	Pieri 1906d	"21–82"	"23–82"
	Pieri 1908a	"1914" (twice)	"1915"
		"[1794] 1849"	"1802"
	Pieri 1910	"Approximately 900" (Insert after "–1910")	"762" "at the University of Parma"
	Pieri 1911c	"University of Parma" (Insert) after "Giaroli." (Insert after "–1911")	"Litògrafo Anghinetti e Giaroli" "867 pages + 3 of errata" "at the University of Parma. Essentially a republication of Pieri 1891c."
	Pieri 1912f	(Insert) new item	Pieri, Mario. 1912f. *Lezioni complementari di geometria descrittiva: anno accademico 1911–1912*. Edited by Enrico Purgotti and Annibale Rossi. Parma: Litògrafo Anghinetti e Giaroli. Lithographed handwritten course notes.
	Pieri 1914	Entirety	"———. 1915. *Gieometrja elementarna oparta na pojęciach "punktu" i "kuli."* Bibljoteka Wektora A3. Translated by Stefan Kwietniewski. Warsaw: Skład Głowny w Księgarni Gebethnera i Wolffa. Translation of Pieri 1908a. [Cited in the chapter 3 introduction, 5.2, 5.3, 6.4, 6.7, and item Pieri 1908a.]"
	Pieri [1915] 1991	"1912"	"1905"

Section	*In Item*	*Change This*	*To This*
	Reye 1886–1892	(Insert) after "Michigan"	"JFM: 11.0424.01 Sturm, 18.0514.02 Müller."
	Segre, C. 1917	"24(2)"	"26(2)"
	Skof 1999	(Insert) before "Ugo"	"Mario Pieri"
		(Insert) before "595"	"505–506,"
	Zermelo [1908] 1970	"59"	"65"
Permissions	Page 460	"Archivio Storico dell'accademia delle Scienze di Torino, in Turin, Italy"	"Biblioteca 'Giuseppe Peano' of the Department of Mathematics of the University of Turin"
Index	APPOLONIUS	"APPOLONIUS"	"APOLLONIUS"
	CINQUINI	(New item)	"CINQUINI, Valeria"
	COEN	"19??"	"1944"
	DE MAIO	(New item)	"DE MAIO, Sofia Gallo (1950–)"
	GUPTA	"19–"	"1925"
	PURGOTTI	(New item)	"PURGOTTI, Enrico"
	REYE	*"Reye"*	(Delete)
	ROMAGNOLI	(New item)	"ROMAGNOLI, Raffaello"
	ROSSI	(New item)	"ROSSI, Annibale"
	SCHAYER	"W. (????–????)"	"Wacław Maria (1905–1959)"
	WOJTOWICZ	"Wł (????–19??)"	"Władysław Baltazar (1874–1942)"

Appendix 1.2. New Items for Chapter 6: Pieri's Works

For 6.6: Letters

Pieri, Mario. 1897e. Letters to Felix Klein, 18 March and 9 April 1897. In Luciano and Roero 2012, letters 71 and 73, 187–188 and 189–190. The first letter is presented in French and English; the second, Italian.

For 6.7.2: Reviews

Pieri, Mario. 1893g. Review of Lazzeri 1893. *Rivista di matematica* 3: 115–117. Reissued in Roero 2003.[1]

[1] Lazzeri, Giulio. 1893. *Trattato di geometria analitica*. Livorno: Raffaello Giusti. JFM: Loria. Also reviewed in Pieri 1893g.

> Pieri noted that the book under review originated from its author's several years of experience teaching at the Royal Naval Academy in Livorno. It began with an introduction to coordinate methods in one, two, and three dimensions using Cartesian, homogeneous, and Plücker coordinates to consider points, lines, planes, circles, and spheres. Its second part applied those to study conics and quadrics in detail. Pieri then provided two pages of minute corrections that reveal his own deep knowledge of the foundations of geometry and interest in its teaching. He hoped that they would guide the author in preparing a second edition, on which students should "be able to swear like a Christian on the Gospel." (page 116)

For 6.7.3: Lecture Notes

Pieri, Mario, editor. 1882–1883. *Lezioni di meccanica razionale del Prof. E. Betti*. Six volumes. Biblioteca Statale di Lucca, archives related to Pieri or to Gino Arrighi. Handwritten notes taken from lectures by Betti at the University of Pisa.[2]

Pieri, Mario, editor. 1882–1884. *Geometria Superiore dalle Lezioni del Pr. Riccardo De Paolis*. Handwritten notes taken from lectures by De Paolis at the University of Pisa, bound in twelve fascicles under one cover. In possession of the Campetti family.

Pieri, Mario, editor. 1883–1884a. *Lezioni di fisica matematica del Prof. E. Betti*. Three volumes. Biblioteca Statale di Lucca, archives related to Pieri or Gino Arrighi. Handwritten notes taken from lectures by Enrico Betti at the University of Pisa.[2]

Pieri, Mario, editor. 1883–1884b. *Lezioni di fisica matematica (teoria degli strumenti ottici) del Prof. E. Betti*. Three volumes. Biblioteca Statale di Lucca, archives related to Pieri or to Gino Arrighi. Handwritten notes taken from lectures by Enrico Betti at the University of Pisa.[2]

Pieri, Mario, editor. 1883–1884c. *Lezioni di meccanica celeste del Prof. E. Betti*. Four volumes. Biblioteca Statale di Lucca, archives related to Pieri or to Gino Arrighi. Handwritten notes taken from lectures by Enrico Betti at the University of Pisa.[2]

Pieri, Mario. [1889] 2020. Note about paragraphs 253, 254 of Staudt 1847. One handwritten page. In possession of the Campetti family.

Pieri, Mario. 1901–1908. Records of lectures by Mario Pieri at the University of Catania. In Catania [no date], fascicle Mario Pieri. The 755 surviving records are in Pieri's handwriting on preprinted forms, six to a page, bound in fourteen fascicles for individual courses.

Pieri, Mario. 1912f. *Lezioni complementari di geometria descrittiva: anno accademico 1911–1912*. Edited by Enrico Purgotti and Annibale Rossi. Parma: Litògrafo Anghinetti e Giaroli. Lithographed handwritten course notes.

[2] Described in Dell'Aglio, Luca, and Clara Silvia Roero, "Mario Pieri, studente di Enrico Betti, 1882–1884: i quaderni di lezioni conservati a Lucca," *Quaderni di Storia dell'Università di Torino* 10 (2009–2011): 157–167.

List of Names

APOLLONIUS of Perga (262?–190? B.C.E.) . . . . . Appolonius
ARRIGHI, Gino (1906–2001)
BETTI, Enrico (1823–1892)
BURAU, Werner (1906–1994)
CAMPETTI, Francesco (1969–)
Cinquini, Valeria
COEN, Salvatore (1944–)
CONTE, Alberto (1942–)
DELL'AGLIO, Luca (1976–)
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DE PAOLIS, Riccardo (1854–1892)
GUPTA, Haragauri Narayan (1925–2016) . . . . . Haragauri N. Gupta
KLEIN, Christian Felix (1849–1925) . . . . . Felix Klein
KWIETNIEWSKI, Stefan (1874–1940)
LAZZERI, Giulio (1861–1935)
LEGENDRE, Adrien-Marie (1752–1833)
LORIA, Gino (1862–1954)
MÜLLER, Felix (1843–1928)
Purgotti, Enrico (18??–19??)
ROERO, Clara Silvia (1952–) . . . . . Clara S. Roero
Romagnoli, Raffaello (19??–)
Rossi, Annibale (18??–19??)
SCHAYER, Waclaw Maria (1905–1959)
STURM, Friedrich Otto Rudolf (1841–1919) . . . . . Rudolf Sturm
VEBLEN, Oswald (1880–1960)
WOJTOWICZ, Wladyslaw Baltazar (1874–1942)

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List of Subjects

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