

www.e-rara.ch

Tracts on the Resolution of Cubick & Biquadratick Equations

Maseres, Francis

London, [1803]

ETH-Bibliothek Zürich

Shelf Mark: Rar 3169

Persistent Link: <http://dx.doi.org/10.3931/e-rara-16945>

Errata.

www.e-rara.ch

Die Plattform e-rara.ch macht die in Schweizer Bibliotheken vorhandenen Drucke online verfügbar. Das Spektrum reicht von Büchern über Karten bis zu illustrierten Materialien – von den Anfängen des Buchdrucks bis ins 20. Jahrhundert.

e-rara.ch provides online access to rare books available in Swiss libraries. The holdings extend from books and maps to illustrated material – from the beginnings of printing to the 20th century.

e-rara.ch met en ligne des reproductions numériques d'imprimés conservés dans les bibliothèques de Suisse. L'éventail va des livres aux documents iconographiques en passant par les cartes – des débuts de l'imprimerie jusqu'au 20e siècle.

e-rara.ch mette a disposizione in rete le edizioni antiche conservate nelle biblioteche svizzere. La collezione comprende libri, carte geografiche e materiale illustrato che risalgono agli inizi della tipografia fino ad arrivare al XX secolo.

Nutzungsbedingungen Dieses Digitalisat kann kostenfrei heruntergeladen werden. Die Lizenzierungsart und die Nutzungsbedingungen sind individuell zu jedem Dokument in den Titelnformationen angegeben. Für weitere Informationen siehe auch [Link]

Terms of Use This digital copy can be downloaded free of charge. The type of licensing and the terms of use are indicated in the title information for each document individually. For further information please refer to the terms of use on [Link]

Conditions d'utilisation Ce document numérique peut être téléchargé gratuitement. Son statut juridique et ses conditions d'utilisation sont précisés dans sa notice détaillée. Pour de plus amples informations, voir [Link]

Condizioni di utilizzo Questo documento può essere scaricato gratuitamente. Il tipo di licenza e le condizioni di utilizzo sono indicate nella notizia bibliografica del singolo documento. Per ulteriori informazioni vedi anche [Link]

ERRATA.

IN page 20, line 10, instead of $\sqrt{g - b^3}$ read $g - b^3$.

In page 23, line 3, from the bottom, instead of

$$\sqrt{3} \sqrt{\frac{a^2c}{2}} + \sqrt{\frac{a^3b^5}{27} + \frac{a^4c^2}{4}}$$

$$\text{read } \sqrt{3} \sqrt{\frac{a^2c}{2} + \sqrt{\frac{a^3b^5}{27} + \frac{a^4c^2}{4}}}$$

In page 49, line 6, instead of

$$\sqrt{3} \sqrt{\frac{1 \times 1 + c^2}{2}} + \sqrt{\frac{1 \times 1 \times 1 \times 1 \times c^2}{4} + \frac{1 \times 1 \times 1 \times b^3}{27}}, \text{ read}$$

$$\sqrt{3} \sqrt{\frac{1 \times 1 \times c}{2} + \sqrt{\frac{1 \times 1 \times 1 \times 1 \times c^2}{4} + \frac{1 \times 1 \times 1 \times b^3}{27}}}$$

And in the same page 49, line 4 from the bottom, instead

$$\text{of } \frac{1 \times b}{\sqrt{3} \sqrt{\frac{1 \times 1 \times c}{2} + \sqrt{\frac{1 \times 1 \times 1 \times 1 \times c^2}{4} + \frac{1 \times 1 \times 1 \times b^3}{27}}}}$$

$$3 \sqrt{3} \sqrt{\frac{1 \times 1 \times c}{2} + \sqrt{\frac{1 \times 1 \times 1 \times 1 \times c^2}{4} + \frac{1 \times 1 \times 1 \times b^3}{27}}}$$

In page 75, line 1, instead of $\sqrt[3]{s + e}$, read $\sqrt[3]{s + e}$.

And in the same page 75, line 3, instead of

$$\frac{1 + \sqrt{8} + 1 + \sqrt{8} - 7}{1 + \sqrt{8}}, \text{ read } \frac{1 + \sqrt{8} \times 1 + \sqrt{8} - 7}{1 + \sqrt{8}}$$

In page 80, lines 8 and 9, instead of 19.627,24, read 19.627,64.

In page 124, line 2 from the bottom, instead of ef , read ef^2 .

In page 126, line 4 from the bottom, instead of $\sqrt{e^2 - q + \frac{r}{e}}$,
read $\sqrt{e^2 - q + \frac{r}{e}}$.

In page 128, line 4, instead of $\frac{e^2}{4}$, read $\frac{e^2}{4}$.

In page 142, line 9 from the bottom, instead of $-x$, read $-x^4$.

In page 177, line 3 from the bottom, instead of "Art. 33."
read "Art. 34."

In page 201, line 3, instead of $\frac{2q}{3\sqrt{3}}$, read $\frac{2q\sqrt{q}}{3\sqrt{3}}$.

And in the same page 201, line 9, instead of q^2 , read qx^2 .

And again in the same page 201, line 16, instead of qx^3 ,
read qx^2 .

In page 221, line 8 from the bottom, instead of $2sn$, read sn .

In page 224, line 6, instead of $+x^4$, read $+x^2$.

In page 229, line 7 from the bottom, instead of $-2nx$, read $-2nx^2$.

In page 237, line 9 from the bottom, instead of

$$\frac{a + \sqrt{aa - 4n - 4b}}{2}, \text{ read } \frac{a + \sqrt{aa - 4n - 4b}}{2}.$$

In page 238, line 5 from the bottom, instead of $x + q^{\frac{1}{2}}$,
read $x + \frac{q^{\frac{1}{2}}}{2}$.

In page 273, line 4 from the bottom, instead of $e^2 - q + \frac{r}{e}$,

$$\text{read } \frac{e^2 - q + \frac{r}{e}}{2}.$$

In page 282, line 7 from the bottom, instead of $-\sqrt{g - f^2}$,
read $-\sqrt{g^2 - f^2}$.

In page 283, line 7, instead of $= r$, read $= r^2$.

In page 314, line 4 from the bottom, instead of $-\sqrt{e - q}$,
read $-\sqrt{e^2 - q}$.

In page 328, line 5, instead of $= e$, read $= \frac{r}{e}$.

In page 374, line 13, instead of $xx + \frac{xx}{xx - q}$, read $xx \times \frac{xx}{xx - q}$.

In page 456, line 4 from the bottom, instead of $+ \frac{9x^2}{4}$
read $+ \frac{9x^2}{4}$.

In page 477, line 5, instead of $\sqrt{\frac{b^3}{27} + \frac{cc}{4}}$, read

$$\sqrt{\frac{b^3}{27a} + \frac{cc}{4}}$$

In page 502, line 9 from the bottom, instead of $+ be$, read $+ bc$.

In page 550, line 16, instead of $+ acd^3$, read acd^2e .

In page 568, line 14, instead of $+ p^2x^2$, read $+ \frac{p^2x^2}{4}$,
and instead of nx^2 , read $2nx^2$.

And in the same page 568, line 16, instead of $- 2nx^2$, read $+ 2nx^2$.

In page 570, line 8, instead of $\frac{\sqrt{nn-s}}{\sqrt{p^2-4q+8n}}$, read

$$\frac{2\sqrt{nn-s}}{\sqrt{p^2-4q+8n}}$$

A Table of the Contents of this Collection of
Mathematical Tracts

NUMBER I.

A Supplement to the Appendix to Mr. Fermat's Principles
of Algebra.
In pages 1, 2, 3, 4, 5, see to page 89.

NUMBER II.

Fermat's Proposition: or a Comparison between the Method
invented by Leon Fermat for resolving certain Binary
Diophantine Equations, by the Method of Cardan Equations;
and an Algebraic question, given by Des Cartes, in his
Geometry, for the same purpose, intended to show the
Superiority of the former of these Methods above the
latter.
In pages 91, 92, 93, 94, see to page 120.

NUMBER III.

Additional Observations on Leon Fermat's Method of re-
solving the foregoing Ternary Diophantine Equations,
in which the Cube of the unknown quantity is
required: Showing how the difficulties that occur in the
application of the said Method to the Resolution of Ternary
Diophantine Equations may be avoided.
In pages 121, 122, 123, 124, see to page 168.

NUM.