

ITAL. OCT. 5

Binding:

Quarter binding made in Königliche Bibliothek in Berlin, cloth spine, covered with marbled paper (Marbled papers, XXI, 6; German paper from the 19th).

History:

The manuscript is in a good state of preservation. It was written in 1844, in Rome, by Domenico Chellini as a supplement to his work “Saggio di geometria analitica” (Essay on analytical geometry). The text was not published, however, it was made by the author in several copies which were sent to a few scientists. The manuscript from the Berlin collection was in possession of Johann Peter Lejeune Dirichlet, a professor of mathematics in Wroclaw, Berlin and Göttingen. It has been included in the collection of Königliche Bibliothek since 1891.

Content:

1r^o-4r^o DOMENICO CHELINI: OSSERVAZIONE SULL'EQUAZIONE CUBICA (Notes on cubic equation). (1r^o) Title. *Osservazione sull'equazione cubica per la quale si determinano gli assi principali nelle superficie di second'ordine allorché queste sono riportate ad assi obliquangoli.* (1r^o-4r^o) Text. *L'equazione di secondo grado ...-...*C.S.Jacobi, Crelle vol. II. p. 232 Roma, Roma 20 febbraio 1844. / D. Chellini d.S.P.* This short text is a handwritten supplement to the previously written (and published) “Saggio di geometria analitica”. It contains notes on cubic equation. The author of the text, Domenico Chellini (1802-1878), was a famous mathematician, a professor of mathematics at the Nazareth College in Rome (1831-1851), and then a professor of mechanics and hydraulics at the university in Bologna. He returned to Rome in 1867 and died on 16th November 1978. The text was published in *Giornale Arcadico*, vol. XCVIII, 1844, pp. 129-136. The list of Chellini's publications can be found in: L. Cremona, E. Beltrami (ed.), “In memoriam Dominici Chellini. Collectanea mathematica”, Milan 1881.