

Thus far we have mentioned only Dini's larger treatises. Space would hardly permit of a detailed consideration of his shorter memoirs, and fortunately this is not necessary, since the list, which comprises in all about sixty papers, has recently been prepared by his colleague, Professor Luigi Bianchi, and published along with a more extended account of his entire scientific achievements in the proceedings of the Accademia dei Lincei of last February. Suffice it to say that these memoirs pertain largely to infinitesimal geometry, to the theory of functions of a complex variable and to the study of differential equations, total and partial.

We might close our brief account at this point were it not for the fact that an adequate conception of Dini's activities can scarcely be gained from an examination of his scientific career alone. Dating from about the year 1880, he was chosen time and again to occupy positions of honor and trust in the affairs of his city, province and nation. In particular, he was at the time of his death vice-president of the national council of public instruction, a senator of the kingdom and the director of the normal college (Scuola Normale Superiore) of Pisa, in addition to his position as professor at the university. His death, therefore, was deeply mourned by a wide circle of people and institutions all of which have since united in an effort to erect a permanent monument within the city of Pisa that shall symbolize not only his genius in science but the love and esteem in which he was universally held by his countrymen.

UNIVERSITY OF MICHIGAN.

---

### SHORTER NOTICES.

*Commercial Algebra.* By WENTWORTH, SMITH and SCHLAUCH.  
Boston, Ginn and Company, 1917-1918.

THIS work appears in two volumes, Book I designed for the first year course of a commercial high school, and Book II a text for advanced classes in the same lines.

---

statement (4) at the bottom of the page. The excluded cases of importance have usually been considered (though not by Dini) only through special methods adapted to the case in hand. Thus, see Hobson, *Proc. London Math. Soc.*, vol. 7 (1908), pp. 359-388; also C. N. Moore in various articles in the *Trans. American Math. Soc.* dating from 1907.