

typography. The following reproduction of the table of contents will serve to show more satisfactorily than anything else the scope of the work : *Préface, Introduction : Rappel de quelques notions de calcul géométrique ; Des courbes gauches : 1° Généralités, 2° Courbure et rayon de courbure, 3° Torsion, formules de Frenet, 4° Courbure normale, formule de Lancret ; De la théorie des surfaces : 1° Généralités, 2° Relations fondamentales ; De la courbure des courbes tracées sur une surface : 1° Théorème de Meusnier, 2° Courbure des sections principales, 3° Formule d' Euler ; De la courbure des surfaces : 1° Courbure totale, application aux surfaces réglées, 2° Courbure moyenne ; cas particulier, 3° Courbure moyenne quadratique ; Des lignes tracées sur une surface : 1° Systèmes conjugués, 2° Lignes de courbure ; théorème de Dupin, 3° Lignes asymptotiques, 4° Lignes géodésiques ; courbure géodésique d'une ligne tracée sur une surface.*

E. B. WILSON.

Annuaire pour l'Ar 1901, publié par le Bureau des Longitudes.
Paris, Gauthier-Villars.

THE new *Annuaire* which has just been received contains this time but few alterations. In the astronomical portion, however, the article on the various kinds of calendars has been rewritten and enlarged, the rules for obtaining the date of Easter in any year being much improved in statement and completeness. The historical part containing the tables of small planets, comets, etc., is, of course, brought up to date. A useful addition is a curve showing graphically the amount of the equation of time for any period of the year ; this has been carefully drawn by M. Cornu. In the scientific notices, M. Cornu resumes his article of last year under the title 'Le transport électrique de la force' ; M. Poincaré gives the report of the committee appointed to consider the question of the revision of the Quito meridian arc ; M. Bassot writes the history of the introduction and establishment of the metric system. MM. Loewy and Bouquet de la Grye respectively contribute accounts of the international astronomical and geodetic congresses held in Paris during the summer ; the aeronautical congress is represented by M. J. Janssen's presidential address. The last named also gives his annual report of the work done in the Mont Blanc Observatory during the past year. The final notice contains the oration of M. le commandant Guyou delivered at the meeting held to commemorate the late M. de Bernardières.