



A Treatise on the Line Complex (Paperback)

By C M Jessop

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.A review from Nature, Volume 69: THE systematic study of what is now called line geometry was begun by Plucker in his *Neue Geometrie des Raumes*. There was, it is true, a fairly complete theory of the linear complex due to Chasles and others before the publication of Plucker's work, and the geometry of systems of lines (congruences) has in some respects not progressed very much since the date of Kummer's celebrated memoir, but it was only after the idea of line coordinates had been introduced that the essential qualities of the new geometry were recognised. In his treatise on the line complex, Mr. Jessop has aimed at presenting the extensive investigations of German and Italian geometers in a form easily accessible to the English student of mathematics. It has been found necessary to write an introductory chapter on the elementary methods of synthetic geometry that are used in the book; then the next four chapters contain the theory of line coordinates, in the general form introduced by Klein, and the linear complex. A great portion...



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