Algebraic Surfaces (Classics in Mathematics)

By Zariski, O.

Springer, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "The author's book 'Algebraic surfaces' saw its first edition in 1935. By that time, the Italian school of algebraic geometers had brought the theory of algebraic surfaces, mainly with regard to its purely geometric aspects, to a remarkable stage of maturity. On the other hand, the topological and complex-analytic aspects had become a substantial part of the theory, essentially due to S. Lefschetz's contributions in the 1920s. However, for both directions, a solid base was still missing, and the new framework of abstract algebra was just at its beginning of being applied to algebraic geometry. The author's book was then a milestone in the history of the theory of algebraic surfaces, and even so in algebraic geometry as a whole. Namely, the author brought together the techniques of topology, analysis and classical algebraic geometry, in a coherent and rigorous way, thereby providing a solid foundation as well as a complete account of algebraic surface theory. Now as before, the original text of the book is an excellent source for an interested reader to study the methods of classical algebraic geometry, and to find the...

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