



## Lilavati - Colebrookes Translation of the Standard work on Hindu Mathematics

By Colebrooke / Banerji, Haran Chandra

Asian Educational Service, New Delhi, 2002. N.A. Book Condition: New. 22 cm. 22cm, xii, 201 and 116p, Appendix-In Devnagri This book is a translation of Lilavati, a standard work on Hindu Mathematics written by Bhaskaracharya; this celebrated mathematician and astronomer lived in the 12th Century A.D. This work forms the first part of a larger work of the author called the Siddhantasiromani. Besides dealing with arithmetic, it also deals with Algebra and Geometry. It comprises the four simple rules; extraction of the square root and the cube root; fractions, rule of three; interest; alligation; problems producing simple and quadratic equations; arithmetical and geometric equations; indeterminate equations of the first degree; properties of triangles and quadrilaterals; areas of circles; volumes of spheres, cones and pyramids; solid contents of excavations and several other matters.

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