



# Algorithms Main Ideas and Applications Mathematics and Its Applications

By Vladimir Uspensky

Springer. Paperback. Book Condition: New. Paperback. 270 pages. Dimensions: 9.2in. x 6.1in. x 0.6in. Today the notion of the algorithm is familiar not only to mathematicians. It forms a conceptual base for information processing; the existence of a corresponding algorithm makes automatic information processing possible. The theory of algorithms (together with mathematical logic) forms the theoretical basis for modern computer science (see Sem Us 86; this article is called Mathematical Logic in Computer Science and Computing Practice and in its title mathematical logic is understood in a broad sense including the theory of algorithms). However, not everyone realizes that the word algorithm includes a transformed toponym Khorezm. Algorithms were named after a great scientist of medieval East, is al-Khwarizmi (where al-Khwarizmi means from Khorezm). He lived between c. 783 and 850 B. C. and the year 1983 was chosen to celebrate his 1200th birthday. A short biography of al-Khwarizmi compiled in the tenth century starts as follows: al-Khwarizmi. His name is Muhammad ibn Musa, he is from Khorezm (cited according to Bul Rozen Ah 83, p. 8). This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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