

ANNOTATION

I have divided this work in four chapters, according to the most important places of development of mathematics and his symbolism and I have described some specific historical period of progress of mathematics, which was in the global comparison the most attractive or developed.

In the first chapter I occupy with Chinese mathematics, which keep the oldest mathematical knowledge already since the second millennium, therefore immediately on the first place of my work. The second chapter deal with the Indian mathematics, which leaves us knowledge of Indian mathematician Brahmagupta from the 7th century AD, who probably continues in Chinese mathematics. After that it follows mathematics of the Arab world, which had the biggest influence on the European mathematics, where the minus sign was definitively established and stabilized from the earlier rhetorical markings. The central figure, as this chapter, so the whole work, is the German mathematician Michael Stifel and his piece of work the *Arithmetica integra*.

KEYWORDS

negative numbers, equations, coefficient, solutions