

How the Conics of Apollonius was received and transmitted in the Arabic world

Zeinab Karimian

The Written Heritage Institute, Tehran

Around the mid-9th century, the treatise of Conics of Apollonius of Perga (3rd – 2nd B.C.) was translated from Greek into Arabic thanks to a team of several translators in Baghdad. After the transmission of the Arabic version of the Conics among the mathematicians of the Arabic medieval world, it was rewritten, revised and modified by some of the mathematicians. In this paper, I will introduce and describe several Arabic revisions of this treatise on the one hand, and on the other, I will shed light on some of the applications of the Conics' propositions in several domains of Arabic mathematics.