
Construction of Squares in the Sulbasutras Geometry

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ABSTRACT

Sulbasutras form an integral part of the Vedic literature of ancient India. They are mainly concerned with geometrical constructions of different shapes including that of square, trapezium, circle etc. They were required for construction of fire-places and altars of various shape and sizes, where Vedic rituals were performed in ancient India. Construction of square has been discussed in almost all the prominent Sulbasutras. In this article we provide a comparative study of various methods of construction of square offered in the Sulbasutras of Baudhyayana, Apastamba, Manava and Katyayana. Similarities as well as dissimilarities are highlighted here, explaining with the help of diagrams.

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