

Al-Mu'taman ibn Hud

The King Who Outpaced Modern Geometry



Zaragoza, Islamic Spain • Taifa Era
d. 1085 CE

Anticipating Modern Geometry

In his mathematical treatise *Kitab al-Istikmal*, the King of Zaragoza formulated a fundamental rule of triangle geometry—600 years before European mathematician Giovanni Ceva published the same concept. Now known historically as Ceva's Theorem, it proves that three line segments drawn from a triangle's vertices intersect at a single concurrent point when their opposite side segments are divided proportionally.