



## Arte y ciencia en Al-Andalus: el astrolabio nazarí de Alcalá la Real [

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text (article)

Analítica

The Nasrid astrolabes, a paradigm of synergy between art and science, attest the balance between mathematical-astronomical precision and decorative aspects present in the cultural deliveries by the Nasrid kingdom of Granada. A total of eleven signed and dated Nasrid astrolabes, which account for a third of the andalusí ones, have been preserved to this day. Astrolabes, instruments with multiple facets, artistic, scientific, symbolic and cultural, link with the goldsmith production in bronze and brass within Islamic cultures that flourished around the medieval Mediterranean Sea witnessing the increasing astronomical and mathematical knowledge. The astrolabe signed by Ahmad ibn 'Ali al Sarafi in 1328-1329 is presented in detail for the first time while proposing that it is likely to have been made in Alcalá la Real (Jaén). The presence of an Ibn Baso Universal Plate within its structure links the astrolabe with the scientific and technical activity that flourished in Granada by the late 13th century

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