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# 中国古代星图之演变历程及绘制方法探析

## The study on the evolution and rendering method of ancient Chinese star map

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**摘要:** 本文首先论述中国古代天文学之重要作用及发展状况,在此基础上,着重对中国古代星图之演变历程及绘制方法进行探讨。古代星图研究中主要涉及星图产生的背景,星图分类及各类型星图的发展历程等问题,研究方法主要为归纳总结、对比研究法。最终研究表明,中国古代星图种类极为丰富,星图演变历程源远流长,其绘制方法亦较为独特。就相关具有代表性的星图而言,其绘制方法与西方相关绘制方法有共通之处但不全相同。此外对与星图绘制相关的恒星测量学概念也作了一定解释。

**关键词:** 天文学史; 中国古代星图; 星图绘制方法; 天球坐标

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**Abstract:** In this article, the important role astronomy played in ancient China is described in the first place, followed by its development in the history, based on which we studied particularly on the historical evolution and drawing methods of ancient Chinese research on star map. This article deals mainly with the background where ancient star map arose, the classifications and the historical evolution of various types of these maps. With both the specified rule of induction and the contrastive study, we show that the ancient Chinese star maps which vary in types are of long standing and well established, also are of unique drawing methods. In terms of the representative star maps, there lie obvious differences in the drawing methods between Chinese and Western star maps in spite of their sharing some common features. A further explanation of some concepts in stars metrology about star map drawing is also given.

**Keywords:** Histry of astronomy; Ancient Chinese star map; Method of drawing star map; Celestial coordinate

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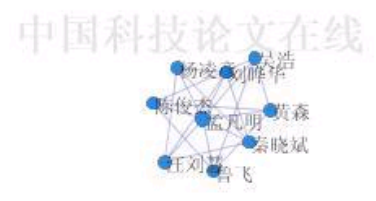
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