

2MASSを利用したケフェウス座領域の広域近赤外線減光量マップの作成

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Abstract

We derived a large-scale near-infrared extinction map of the Cepheus region ($90^\circ < l < 120^\circ$ and $5^\circ < b < 25^\circ$) using the 2 Micron All Sky Survey Point Source Catalog (2MASS PSC). On the basis of the extinction map, we identified 110 dense cloud cores and measured their physical parameters such as the extinctions, color excesses, coordinates, and sizes. In this paper, we present a list of the dense cores identified in the Cepheus region.

Key words: 2MASS, interstellar extinction, interstellar molecular cloud

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