

Utilization of MASH Planetary Nebula Catalogue of the Year 2006 for the Determination of the Milky-Way Plane

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Abstract. In this paper, the equatorial coordinates of the galactic pole (α_p, δ_p) for the epoch 2000.0. was computed using the most recent data of the MASH planetary nebulae catalogue of the year 2006. As a result, the inclination of the Milky way plane to the celestial equator i_g and the right ascension of its ascending node Ω_g at the same epoch are also computed.

Keywords: Position astronomy, Galactic structure, ephemeris.