

## ABSTRACT

**NENG AYU LESTARI. 2023. STUDI ETNOMATEMATIKA PADA TRADISI MERLAWU DI KABUYUTAN GANDOANG DESA WANASIGRA KABUPATEN CIAMIS.** Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Siliwangi.

*This reseach is one of the efforts to prove the truth that mathematics and culture have a relationship between one another, and try to rectify the paradigm of society which assumes that mathematics has nothing to do with culture, and society considers that mathematics is a science that is difficult to understand and there is no relation between mathematics and culture. The purpose of this study is to find out the mathematical concepts contained in The Merlawu Tradition in terms of the implementation process to the end of The Merlawu Tradition activities. This resesach is a qualitative research using ethnographic methods. Data collection techniques used are observation, interviews, documentation, and field notes. This research was conducted at The Wanasigra Village Office and at The Gandoang Kabuyutan Site, Wanasigra Village, Ciamis Regency, West Java. The results of this study indicate that in The Merlawu Tradition there is a relationship between mathematics and culture which can be seen by the existence of mathematical concepts that are formed as well as the philosophy and meaning contained. A method of measuring bamboo that does not use measuring tools and produces its own unit of measurement called ereng, the concept of a rectangular shape in the drafting process, biimplication, and arithmetic sequence.*

**Keywords:** Ethnomathematics, Merlawu Tradition, Math Concept