

ABSTRACT

TENI ANDRIANI. 2022. *Cooney's Analysis of Learning Difficulties in Algebraic Forms From Students' Mathematic Anxiety. Mathematics Education Masters Study Program". Master of mathematics Education Study Program. Posgraduate. Siliwangi Universitas Surverisor (I) Dr. H Supratman, M. Pd (II) Dr. Puji Lestari, S.Si., M.Pd.*

This study aims to determine and describe learning difficulties according to Cooney on algebraic form material in terms of students' mathematical anxiety. This research is a qualitative descriptive research. The research subjects were selected from 57 seventh grade students at SMPN 3 Sodonghilir, Tasikmalaya Regency, West java. The selected research subjects were 5 (five) who met the criteria in accordance with the research objective. The instrument of this research is the researcher himself, with addition instrument namely mathematical questionnaire, algebraic form test and interview. Indicators of learning difficulties in the study include difficulties in using concepts, difficulties in using principles and difficulties in solving verbal problem. Based on the result of the study, it is concluded that students experience different mathematics anxiety when working on math problem is each Somatic aspect, cognitive aspect, Attitude aspect, and mathematical knowledge aspect. A very high category is found in the somatic aspect. Learners with very low anxiety levels did not experience difficulties with each indicator. The factors that cause mathematical anxiety and learning difficulties arise when learning mathematical algebraic form material because students feel nervous about explaining the results of math work in front of the class because they are not sure that the answers they give are correct.

Keyword: *mathematical anxiety, learning difficulties, algebra*