

## ABSTRACT

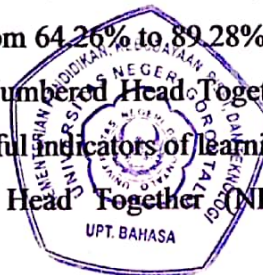
Rama Mertayasa, Student ID Number 411419081. "Improving Student Learning Outcomes through the Application of the Numbered Head Together (NHT) Cooperative Learning Model on Sequences and Series Materials at SMA N 1 Bonepantai". **Undergraduate Thesis**. Study Program of Mathematics Education, Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Negeri Gorontalo.

**The principal supervisor is Dr. Tedy Machmud, M.Pd., and the Co-supervisor is Khardiyawan A.Y. Pauweni, M.Pd.**

This study aims to improve student learning outcomes through the application of Numbered Head Together (NHT) cooperative learning model on sequences and series materials. This research is a type of classroom action research conducted at SMA Negeri 1 Bonepantai during the even semester of the 2022-2023 academic year. The study involved 28 students and one teacher as research subjects. The tools used in this research were teacher observation sheets, student observation sheets, attitude assessment sheets, skills assessment sheets, and learning achievement tests. The study was executed in 2 cycles.

The results of observations of teacher activities increased from 57.14% to 80.95% which fell into the good and excellent categories. At the same time, the results of students' observations also increased from 66.67% to 86.67%, placing them in the good and excellent categories. The affective domain learning outcomes, as determined by the Attitude Assessment Sheet, experienced an increase from 55.36% to 85.71% as well. Additionally, the learning outcomes in the psychomotor domain, as assessed by the skills assessment sheet, increased from 59.82% to 82.32%. The cognitive domain learning outcomes, as measured by the written test results, also showed a significant increase from 64.26% to 89.28%. In sum, all assessment components of cycle two of the Numbered Head Together (NHT) Cooperative Learning Model have shown successful indicators of learning.

**Keywords:** Student Learning Outcomes; Numbered Head Together (NHT) Cooperative Learning Model; Sequences and Series



## LEMBAR PENGESAHAN SKRIPSI

Skripsi yang berjudul : **“MENINGKATKAN HASIL BELAJAR SISWA MELALUI PENERAPAN MODEL PEMBELAJARAN KOPERATIF TIPE NUMBERED HEAD TOGETHER (NHT) PADA MATERI BARISAN DAN DERET DI SMA N 1 BONEPANTAI”**.

Oleh

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Telah diperiksa dan disetujui

Hari/Tanggal : Jum'at, 16 juni 2023

Waktu : 10.30 – 12.00 WITA

Tempat : Ruang Dosen Matematika/ Via Google Meet

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