# ABSTRAK

**Zebua, Valeria, 212117079, Peran Berpikir Reflektif Dalam Meningkatkan Kemampuan Pemecahan Masalah Matematika Siswa SMK Negeri 1 Alasa Tahun Pelajaran 2025/2026, Skripsi, Pembimbing Netti Kariani Menrofa, S.Pd., M.Pd**

Penelitian ini di latar belakangin dari hasil observasi awal di SMK Negeri 1 Alasa menunjukkan bahwa kemampuan pemecahan masalah matematika siswa masih rendah. Siswa mengalami kesulitan dalam memahami informasi soal, merancang strategi penyelesaian, melaksanakan langkah pemecahan, dan memeriksa kembali hasil. Penelitian ini bertujuan mendeskripsikan peran berpikir reflektif dalam meningkatkan kemampuan pemecahan masalah matematika pada materi matriks. Penelitian menggunakan metode kualitatif deskriptif dengan subjek 22 siswa kelas XI. Data dikumpulkan melalui observasi, tes, wawancara, dan dokumentasi, kemudian dianalisis melalui tahapan reduksi data, penyajian data, serta penarikan kesimpulan. Hasil penelitian mengungkapkan variasi kemampuan pemecahan masalah siswa: kategori sangat tinggi (3 siswa; 85,4%), tinggi (4 siswa; 68,2%), sedang (7 siswa; 51,7%), dan rendah (8 siswa; 29,9%). Siswa dengan kemampuan berpikir reflektif tinggi mampu memahami masalah secara mendalam, memilih strategi yang tepat, memperbaiki kesalahan, dan menguraikan proses berpikir secara runtut serta logis. Maka dapat disimpulkan " Berpikir reflektif berperan signifikan dalam meningkatkan kemampuan pemecahan masalah matematika. Semakin tinggi kemampuan berpikir reflektif siswa, semakin efektif mereka dalam memahami masalah, merancang dan melaksanakan strategi yang tepat, serta mengevaluasi dan memperbaiki proses penyelesaian secara mandiri, kritis, dan terstruktur".

**Kata Kunci: Berpikir Reflektif, Kemampuan Pemecahan Masalah Matematika, Pembelajaran Matematika**

## *ABSTRACT*

**Zebua, Valeria, 212117079, The Role of Reflective Thinking in Improving Students' Mathematical Problem-Solving Ability at SMK Negeri 1 Alasa in the Academic Year 2025/2026, Thesis, Supervisor: Netti Kariani Menrofa, S.Pd., M.Pd**

This study was motivated by preliminary observations at SMK Negeri 1 Alasa, which revealed that students' mathematical problem-solving abilities were still low. Students experienced difficulties in understanding problem information, designing solution strategies, carrying out problem-solving steps, and reviewing their results. The purpose of this study was to describe the role of reflective thinking in improving students' mathematical problem-solving abilities on the topic of matrices. The research employed a descriptive qualitative method with 22 eleventh-grade students as subjects. Data were collected through observation, tests, interviews, and documentation, and were analyzed through the stages of data reduction, data presentation, and drawing conclusions.The results revealed variations in students' problem-solving abilities: very high category (3 students; 85.4%), high (4 students; 68.2%), medium (7 students; 51.7%), and low (8 students; 29.9%). Students with high reflective thinking skills were able to thoroughly understand problems, choose appropriate solution strategies, correct mistakes, and articulate their thought processes coherently and logically.It can therefore be concluded that reflective thinking plays a significant role in enhancing mathematical problem-solving abilities. The higher the students' reflective thinking skills, the more effective they are in understanding problems, designing and implementing appropriate strategies, and evaluating and refining the problem-solving process independently, critically, and systematically.



Keywords: **Reflective Thinking, Mathematical Problem-Solving Skils, Mathematics Learning**