

ABSTRAK

Ulfarianti, Finia. 2026. *Analisis Kemampuan Pemahaman Konsep Matematika dalam Menyelesaikan Soal SPLTV dengan Konteks Kemaritiman Ditinjau dari Adversity Quotient Siswa SMA Negeri 2 Tanjungpinang*. Skripsi. Tanjungpinang: Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan Matematika, Universitas Maritim Raja Ali Haji. Pembimbing I: Dr. Rezky Ramadhona, S.Pd., M.Pd. Pembimbing II: Nurul Hilda Syani Putri, S.Pd., M.Si.

Kata kunci: *Pemahaman Konsep Matematika, SPLTV, Konteks Kemaritiman, Adversity Quotient*

Penelitian ini bertujuan untuk mengetahui dan mendeskripsikan kemampuan pemahaman konsep matematika siswa kelas X SMA Negeri 2 Tanjungpinang dalam menyelesaikan soal Sistem Persamaan Linear Tiga Variabel (SPLTV) berkonteks kemaritiman ditinjau dari *adversity quotient* (AQ). Penelitian ini menggunakan pendekatan deskriptif kualitatif dengan teknik pengumpulan data berupa angket, tes tertulis, dan wawancara semi terstruktur. Subjek penelitian dipilih melalui teknik *purposive sampling* sebanyak enam siswa yang mewakili tiga kategori AQ, yaitu *climbers*, *campers*, dan *quitters*. Analisis data dilakukan melalui reduksi data, penyajian data, dan penarikan kesimpulan mengacu pada model Miles dan Huberman. Hasil penelitian menunjukkan bahwa siswa kategori *climbers* memiliki pemahaman konsep paling baik meski belum sempurna pada seluruh indikator, siswa kategori *campers* menunjukkan capaian yang cukup baik namun kurang konsisten, dan siswa kategori *quitters* memiliki pemahaman paling rendah. Secara umum, semakin tinggi kategori AQ siswa, semakin baik dan konsisten kemampuan siswa dalam menerapkan langkah penyelesaian SPLTV, meskipun kesulitan memaknai variabel masih ditemukan pada seluruh kategori.

ABSTRACT

Ulfarianti, Finia. 2026. *Analysis of Mathematical Concept Understanding Ability in Solving SPLTV Problems with Maritime Context Viewed from the Adversity Quotient of Students at SMA Negeri 2 Tanjungpinang. Thesis. Tanjungpinang: Mathematics Education Study Program, Faculty of Teacher Training and Mathematics Education, Raja Ali Haji Maritime University. Advisor I: Dr. Rezky Ramadhona, S.Pd., M.Pd. Advisor II: Nurul Hilda Syani Putri, S.Pd., M.Si.*

Keywords: *Mathematical Concept Understanding, SPLTV, Maritime Context, Adversity Quotient*

This study aims to identify and describe the mathematical concept understanding ability of tenth-grade students at SMA Negeri 2 Tanjungpinang in solving Three-Variable Linear Equation System (SPLTV) problems set in a maritime context, viewed from their adversity quotient (AQ). This research employed a descriptive qualitative approach, with data collected through questionnaires, written tests, and semi-structured interviews. Six students, representing the three AQ categories—climbers, campers, and quitters—were selected using a purposive sampling technique. Data were analyzed through data reduction, data display, and conclusion drawing, following the Miles and Huberman model. The results show that students in the climbers category demonstrated the strongest conceptual understanding, although not yet perfect across all indicators; students in the campers category showed fairly good but inconsistent achievement; while students in the quitters category showed the lowest level of understanding. Overall, higher AQ categories were associated with better and more consistent ability in applying SPLTV solution steps, although difficulties in interpreting variables were still found across all categories.