

ABSTRAK

AJENG MARTIANI (2020) **Analisis Kesulitan Siswa Dalam Menyelesaikan Soal Pemecahan Masalah Matematik Ditinjau Dari *Gender* dan *Adversity Quotient* (AQ)**. Tesis Program Studi Magister Pendidikan Matematika Pascasarjana Universitas Siliwangi

Penelitian ini membahas kesulitan siswa dalam menyelesaikan soal pemecahan masalah matematik materi operasi perkalian matriks ditinjau dari *gender* dan *advesity quotient*. Berdasarkan eksplorasi terhadap siswa kelas XI SMA Negeri 1 Jatiwaras terpilih 3 siswa dan 3 siswi mengalami kesulitan dalam merencanakan penyelesaian dan belum bisa mengerjakan langkah memeriksa kembali. Kesulitan menyelesaikan soal pemecahan masalah ditinjau dari *Adversity Quotient* tipe *climbers* memiliki kemampuan yang tinggi dalam menyelesaikan soal matematik yaitu sudah mampu memahami masalah, merencanakan penyelesaian, melakukan perhitungan tapi belum mampu mengerjakan langkah memeriksa kembali. Kesulitan menyelesaikan soal pemecahan masalah ditinjau dari *Adversity Quotient* tipe *campers* memiliki kemampuan yang cukup dalam menyelesaikan soal matematik yaitu mampu memahami masalah walau dengan bantuan dan arahan, tetapi belum mampu merencanakan penyelesaian, terdapat kekeliruan pada langkah melakukan perhitungan dan belum mampu mengerjakan langkah memeriksa kembali. Kesulitan menyelesaikan soal pemecahan masalah ditinjau dari *Adversity Quotient* tipe *quitters* memiliki kemampuan yang kurang dalam menyelesaikan soal matematik yaitu belum mampu memahami masalah dengan tepat, belum mampu merencanakan penyelesaian, belum mampu melakukan perhitungan dan belum bisa mengerjakan langkah memeriksa kembali.

Kata Kunci : Kesulitan Siswa, Soal Pemecahan Masalah Matematik, *Gender* dan *Adversity Quotient*

ABSTRACT

AJENG MARTIANI (2020) Analysis Of Difficulty Of Students In Solving Problem Solving Mathematical Problem Reviewed From Gender And Adversity Quotient (AQ) Tesis Program Studi Magister Pendidikan Matematika Pascasarjana Universitas Siliwangi

This study discusses the difficulty of students in solving mathematical problem solving material for matrix multiplication operations in terms of gender and adversity quotient. Based on the exploration of XI grade students of SMA Negeri 1 Jatiwaras, 3 students and 3 students had difficulty in planning their completion and could not do the re-examination step. Difficulties in solving problem solving in terms of Adversity Quotient type climbers have good ability in solving mathematical problems are able to understand problems, plan solutions, do calculations but have not been able to do the steps to check again. Difficulties in solving problem solving in terms of Adversity Quotient type campers have sufficient ability to solve mathematical problems, are able to understand the problem even with help and direction, but have not been able to plan solutions, there are errors in the steps of doing calculations and have not been able to do the steps of checking back. Difficulties in solving problem solving in terms of Adversity Quotient type quitters have a lack of ability to solve mathematical problems that are not able to understand problems correctly, have not been able to plan solutions, have not been able to do calculations and have not been able to do steps to check again.

Keywords: Student Difficulties, Mathematical Problem Solving Problems, Gender and Adversity Quotient