

Mutiara Balqis S. 2020. *Analisis Kemampuan Pemecahan Masalah Berdasarkan Self Confidence Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1: Mochammad Ahied dan Pembimbing 2: Mochammad Yasir.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kemampuan pemecahan masalah berdasarkan *self confidence* siswa pada materi getaran dan gelombang. Penelitian ini merupakan penelitian dengan jenis *mixmethod* yang merupakan gabungan antara penelitian kuantitatif dan penelitian kualitatif. Penelitian ini menggunakan metode *explanatory sequential* bersifat *dominant-less dominant*, dimana penelitian ini *dominant* pada penelitian kuantitatif dan *less dominant* pada penelitian kualitatif. Penelitian dilaksanakan di UPTD SMP Negeri 2 Bangkalan dengan populasi semua siswa kelas VIII Tahun Ajaran 2019/2020. Teknik pengambilan sampel menggunakan teknik *purposive sampling*. Sampel penelitian yang digunakan sebanyak 20 siswa. Pengumpulan data menggunakan teknik tes untuk mengukur kemampuan pemecahan masalah, angket untuk mengukur *self confidence* siswa, dan wawancara untuk mengetahui tingkat kemampuan pemecahan masalah berdasarkan *self confidence* siswa. Teknik analisis data menggunakan analisis data kuantitatif dan analisis data kualitatif. Analisis kuantitatif dilakukan dengan menghitung skor angket dan tes siswa, sedangkan analisis kualitatif menggunakan analisis data Miles dan Huberman. Berdasarkan hasil penelitian disimpulkan bahwa: (1) kemampuan pemecahan masalah siswa memiliki persentase 90% dengan kategori level kemampuan mampu, dan 10% dengan kategori level kemampuan cukup mampu, (2) semakin tinggi *self confidence* siswa, maka kemampuan pemecahan masalah siswa juga semakin tinggi.

Kata kunci: Kemampuan pemecahan masalah, pembelajaran IPA, *self confidence*,

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ABSTRACT

This research aimed to discover the problem solving skill based on student self-confidence on vibration and wave topics. It was mix-method research, which was a combination of quantitative and qualitative analysis. This research used explanatory sequential method, which tends to dominant-less dominant, which it showed dominant on quantitative and less dominant qualitative. The research was implemented in UPTD SMP Negeri 2 Bangkalan, with a population of all VIII-grade students of the 2019/2020 school year. The sampling technique used was the purposive sampling technique. The research sample used was 20 students. The data collection was a test technique to measure the problem solving skill, the questionnaire to measure student self-confidence, and interview to discover the level of problem solving skill based on student self-confidence. The data analysis technique was quantitative and qualitative data analysis. Quantitative analysis was carried out by counting the questionnaire score and student's test, whereas qualitative analysis used data analysis by Miles and Huberman. The result of the research concluded that: (1) the problem solving skill of students have 90% percentage with skill level category of ability, and 10% with skill level category of quite-capable, (2) the higher student self-confidence, the more significant problem solving skill ability.

Keywords: Problem-solving skill, science learning ,self-confidence