ABSTRAK

Nanda Syuhaya: Analisis *Learning Obstacle* Terhadap Kemampuan Pemecahan Masalah Matematis Siswa Pada Materi Statistika Di SMP Negeri 1 Kuala. **Program Studi Pendidikan Matematika FKIP Universitas Malikussaleh, 2024.**

Learning obstacle yang dialami siswa menyebabkan siswa masih sulit menyelesaikan permasalahan matematis. *Learning obstacle* yang dialami setiap siswa juga berbeda-beda berdasarkan dari tingkat kemampuan siswa tersebut. Oleh karena itu, penelitian ini bertujuan untuk mengetahui *learning obstacle* terhadap kemampuan pemecahan masalah matematis siswa pada materi statistika di SMP Negeri 1 Kuala. Adapun *learning obstacle* yang akan dibahas adalah *epistemological obstacle*. Metode penelitian yang digunakan adalah deskriptif. Teknik pengumpulan data dalam penelitian ini yaitu tes tertulis, wawancara dan dokumentasi. Analisis data dilakukan dengan cara reduksi data (*data reduction*), penyajian data (*data display*), dan penarikan kesimpulan/verifikasi (*conclusion drawing/ verification*). Subjek penelitian terdiri dari 3 orang siswa kelas VII-2 SMP Negeri 1 Kuala yang dipilih berdasarkan hasil jawaban tes soal kemampuan pemecahan masalah matematis siswa berdasarkan kategori tinggi, sedang, dan rendah yang diwakili oleh 1 orang siswa pada setiap kategori. Hasil penelitian menunjukkan bahwa siswa dengan kemampuan pemecahan masalah matematis tinggi mengalami *epistemological obstacle* prosedural dan teknik operasional. Selanjutnya, siswa dengan kemampuan pemecahan masalah matematis sedang mengalami *epistemological obstacle* prosedural dan teknik operasional. Sedangkan siswa dengan kemampuan pemecahan masalah matematis rendah mengalami *epistemological obstacle* konseptual, prosedural dan teknik operasional.

Kata Kunci: *Learning Obstacle,* Kemampuan Pemecahan Masalah Matematis Siswa, Statistika

ABSTRACT

Nanda Syuhaya: *Learning Obstacle Analysis of Students' Mathematical Problem Solving Ability in Statistics Material at SMP Negeri 1 Kuala.* ***Malikussaleh University FKIP Mathematics Education Study Program, 2024.***

Learning obstacles experienced by students cause students to still find it difficult to solve mathematical problems. The learning obstacles experienced by each student also vary based on the student's level of ability. Therefore, this research aims to determine learning obstacles to students' mathematical problem solving abilities in statistics material at SMP Negeri 1 Kuala. The learning obstacle that will be discussed is the epistemological obstacle. The research method used is descriptive. Data collection techniques in this research are written tests, interviews and documentation. Data analysis is carried out by means of data reduction, data display, and conclusion drawing/verification. The research subjects consisted of 3 students in class VII-2 of SMP Negeri 1 Kuala who were selected based on the results of test answers to students' mathematical problem solving abilities based on high, medium and low categories, represented by 1 student in each category. The research results show that students with high mathematical problem solving abilities experience epistemological obstacles in procedural and operational techniques. Furthermore, students with mathematical problem solving abilities are experiencing epistemological obstacles in procedural and operational techniques. Meanwhile, students with low mathematical problem solving abilities experience epistemological obstacles in conceptual, procedural and operational techniques.

Keywords*: Learning Obstacle, Students' Mathematical Problem Solving Ability, Statistics*