

ABSTRAK

Yunitasari, I.A. 2021. Analisis kesulitan siswa dalam memahami materi sistem pertidaksamaan linier dua variabel pada pembelajaran daring. Skripsi. Program Studi Pendidikan Matematika. Fakultas Sains dan Teknologi. Universitas PGRI Adi Buana Surabaya, Pembimbing: Nur Fathonah, S.Pd., M.Pd.

Kata kunci : Kesulitan belajar, SPtLDV, Siswa SMA, Daring.

Penelitian ini dilatarbelakangi oleh kesulitan siswa dalam memahami materi sistem pertidaksamaan linier dua variabel, matematika selalu menjadi hal yang menakutkan bagi siswa karena objek matematika yang abstrak menggunakan banyak rumus sehingga pandangan siswa terhadap pelajaran matematika disekolah, pelajaran yang sulit dan rumit untuk diterapkan dan dipahami. Karena adanya pandemi covid-19. Siswa semakin merasa sulit dalam memahami pelajaran matematika khususnya materi SPtLDV karena proses pembelajaran dilakukan secara daring.

Tujuan penelitian ini untuk mendeskripsikan kesulitan-kesulitan yang dialami siswa dalam menyelesaikan soal SPtLDV dan mendeskripsikan faktor penyebab kesulitan siswa dalam memahami materi SPtLDV.

Pendekatan penelitian ini adalah kualitatif , jenis penelitian ini adalah deskriptif. Pengumpulan data menggunakan metode Tes dan wawancara. Subjek dalam penelitian ini yaitu 3 siswa yang memiliki nilai dibawah KKM (Kriteria Ketuntasan Minimal) dari kelas X IPS3 SMA Dr. Soetomo yang bertujumlah 20 siswa.

Hasil penelitian yang ditemukan dalam penelitian ini menunjukkan bahwa (1) di dalam penguasaan konsep, siswa masih mengalami kesulitan dalam memahami isi soal SPtLDV, mengubah kalimat kedalam model matematika; (2) di dalam penguasaan prinsip, siswa masih mengalami kesulitan dalam menggambar grafik pada suatu sistem pertidaksamaan linier dua variabel; (3) faktor-faktor yang menyebabkan kesulitan siswa dalam memahami materi SPtLDV berasal dari faktor internal, yaitu kurangnya minat belajar siswa, kurangnya motivasi belajar siswa, dan kurangnya bakat siswa.

ABSTRAC

Yunitasari, I.A. 2021. Analysis of student difficulties in understanding the material of the two-variable linear inequality system in online learning. Thesis. Math Study Program. Faculty of Science and Technology. University of PGRI Adi Buana Surabaya, adviser: Nur Fathonah, S.Pd., M.Pd.

Keyword: difficulty learning, two-variable linear inequality system, senior high school students, online learning.

This research is motivated by the difficulty of students in understanding the material of the two-variable linear inequality system. Mathematics has always been a frightening thing for students because abstract mathematical objects use many formulas, so that students' views of mathematics in school are difficult and complicated subjects to apply and understand. Due to the COVID-19 pandemic, students increasingly feel difficult to understand mathematics, especially SPtLDV material because the learning process is doing by online.

The purpose of this research was to describe the difficulties experienced by students in solving SPtLDV questions and to describe the factors causing student difficulties in understanding the SPtLDV material.

The research approach is qualitative. This type of research is descriptive. Data collection using the test and interview method. The subjects in this study were 3 students who had scores below the minimum completeness criteria (KKM) from class X IPS/social 3 of Senior High School Dr. Soetomo that have 20 students.

The result in this study shows that (1) in mastering the concept, students still have difficulty understanding the two-variable linear inequality system's questions, such as changing sentences into mathematical models; (2) in the mastering of the principles, students still have difficulty drawing graphs on a two-variable linear inequality system; (3) the factors that cause student difficulties in understanding the two-variable linear inequality system material come from internal factors, such as the lack of student's interest in learning, the lack of student's motivation, and the lack of student's talent.