

Iksan Taha 2022 “Analisis Kemampuan Berpikir Kritis Siswa SMA Negeri 2 Halmahera Selatan Dalam Memecahan Masalah Matematis Pada Materi Limit Fungsi Aljabar di Kelas XI IPS Semester Genap Tahun Ajaran 2021/2022”Dibawah bimbingan Dr. Marwia Tamrin Bakar., S.Pd. M.Pd dan Dr. Karman La Nani., S.Pd. M. Si.

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### ABSTRAK

Tujuan penelitian ini adalah mengetahui kemampuan kritis siswa SMA pada materi limit fungsi aljabar. Subjek penelitian ini adalah 15 siswa kelas XI IPS SMA Negeri 2 Halmahera Selatan data kemampuan berpikir kritis siswa diperoleh melalui: Tes, wawancara dan dokumntasi, data tersebut di analisis dengan kemampuan berpikir kritis siswa di klarivikasi dalam kategori tinggi, sedang dan rendah. Hasil penelitian menunjukan terdapat 5 siswa (13%) memiliki kemampuan berpikir kritis matematis tinggi, 4 siswa (11%) memiliki kemampuan berpikir kritis sedang, dan 6 siswa (16%) memiliki kemampuan berpikir kritis rendah secara keseluruhan kemampuan berpikir kritis matemati siswa kelas XI IPS SMA Negeri 2 Halmahera Selatan dalam kategori sedang. Siswa dengan kemampuan berpikir kritis kategori tinggi dapat menyelesaikan masalah limit fungsi aljabar, siswa dengan kategori sedang kurang mampu menyelesaikan masalah limit fungsi aljabar, dan siswa kategori renda belum mampu menyelesaikan masalah limit fungsi aljabar dengan benar.

**Kata Kunci:** *Berpikir Kritis Matematis, Kemampun Berpikir Kritis Matematis, Limit Fungsi Aljabar*

Iksan Taha 2022 "Analysis of Critical Thinking Skills of Students of SMA Negeri 2 South Halmahera in Solving Mathematical Problems on the Limits of Algebraic Functions in Class XI Social Studies Even Semester of the Academic Year 2021/2022" Under the guidance of Dr. Marwia Tamrin Bakar., S.Pd. M.Pd and Dr. Karman La Nani., S.Pd. M. Si

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#### ABSTRACT

The purpose of this study was to determine the critical ability of high school students on the material limit of algebraic functions. The subjects of this study were 15 students of class XI Social Sciences at SMA Negeri 2 Halmahera Selatan. The data on students' critical thinking skills were obtained through: tests, interviews and documentation. The data were analyzed with students' critical thinking skills clarified in the high, medium and low categories. The results showed there were 5 students (13%) had high mathematical critical thinking skills, 4 students (11%) had moderate critical thinking skills, and 6 students (16%) had low critical thinking skills overall mathematically critical thinking skills of class XI students. IPS SMA Negeri 2 Halmahera Selatan is in the medium category. Students with high critical thinking skills can solve the problem of limiting algebraic functions, students in the medium category are less able to solve the problem of limiting algebraic functions, and students in the low category have not been able to solve the problem of limiting algebraic functions correctly.

Keywords: Mathematical Critical Thinking, Mathematical Critical Thinking Ability, Limit Algebraic Functions