Numeracy Mathematics E-Module for Junior High School to Support Cybergogy Learning

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ABSTRACT

This research aims to explain the development process of the Mathematics Numeracy E-Module for junior high school level which is specifically designed to support the CyberGogy learning method. This e-Module was developed with an interactive and in-depth approach, presenting mathematical numeracy material through a combination of multimedia, simulations and interactive elements to enhance students' learning experience.

The development methodology involves the stages of needs analysis, content design, technical development, testing, and evaluation. This e-Module is integrated with Cybergogy principles, which utilize digital technology and online-based learning approaches to create responsive, collaborative and engaging learning experiences.

The research results show that this E-Module is effective in increasing students' understanding of mathematical numeracy concepts, as well as facilitating independent and flexible learning through the Cybergogy approach. The practical implication of this research is to contribute to the development of mathematics learning resources that suit the demands of the digital era, by providing better accessibility and increasing student involvement in the learning process.

Kata Kunci: *E-Module, Numeracy, Cybergogy*