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Trigonometric Learning Design with the *Sibaliparriq* Concept as a Learning Model

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Abstract

This study aims to determine how the process and results of trigonometric learning designs that utilize *sibaliparriq* values as a learning model. This type of research is RnD (Research and Development) research which refers to the Dick and Carey development model with the procedure using the Mc Kenney cycle, which includes three stages, namely preliminary design, prototyping phase and assessment phase. The trigonometric learning design has been designed and validated and revised according to expert advice. The subjects of this study were students of Al Asyariah Mandar University, who took trigonometry courses. The trial results show that the design is effective and practical, namely (i) the average value obtained by students on the trigonometric learning outcome test is in the high category is 61,76. Students who complete the mastery are 29 out of 34 students or 85.29%. (ii) lecturers in implementing learning in accordance with the semester learning plan and are in the very high category. (iii) students are more active in learning. (iv) students generally respond very positively to learning. Thus, the trigonometric learning design process and results utilize the value of *sibaliparriq* as a learning model for quality Al Asyariah Mandar University students, namely meeting the criteria of validity, practicality, and effectiveness.