

COMPARATIVE UNDERSTANDING AND SOLVING THE PROBLEMS ON LIMITS USING FORMAL AND GRAPHICAL APPROACH

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Abstract

For most of the students in mathematics from science, technology and engineering, the theory of limits in calculus is the entry-point to undergraduate mathematics. Because of its importance in such a wide range of disciplines, and its size of enrolment, there have been many research studies have been studied in the students understanding of theory of limits. All such studies indicate that students enrolled in the traditional courses, the topics of limits class have not profound knowledge and incomplete understanding of many of the basic topics in this concept of theory of limits. Many attempts have been made in this regard; this is one which may enhance student's knowledge perspective for the limit concept.

Keywords: Limit of the function, polynomial and trigonometric functions graph of the function, mathematical softwares.