

RESEARCH ON THE TRAINING STRATEGIES OF HIGH SCHOOL STUDENTS' MATHEMATICAL COMPUTING ABILITY FROM THE PERSPECTIVE OF CORE LITERACY

Lianxiu Tang Yanzhi He*

Department of Mathematics, College of Science, Yanbian University, Yanji 133002, CHINA

ABSTRACT

The "General High School Mathematics Curriculum Standards (2017 Edition, 2020 Revision)" proposes that "the core literacy of mathematics subjects is a concentrated reflection of the goals of mathematics curriculum, and also a concentrated reflection of the value of mathematics education" ^[1]. Among them, mathematical operations, as a part of the core literacy of the mathematics discipline, run through every part of mathematical learning. Whether it is the learning of mathematical knowledge or solving mathematical problems, they cannot be separated from mathematical operations ^[2]. This article combines its own practical experience to propose the current situation and problems of high school students' mathematical computing ability, analyzes the factors that affect high school students' mathematical computing ability, and then proposes specific strategies to cultivate high school students' mathematical computing ability.

Keywords:High school students; Mathematical operation ability; Training strategies.