ABSTRACT

This study aims to identify strategies that are involved in the unity of equations and inequalities for the average second grade students, through the perception of a proposed building to develop problem-solving skills in math in the unity of equations and inequalities math curriculum for Grade Average, and identify the impact of the proposed mobile learning technology to develop mathematical problem-solving skills, therefore we selected the school of (ElZekr- ELAhlia) which includes three classroom for Grade Average, two classrooms were selected at random sample, and they have been divided as a group experimental (20 students) and a control group (20 students) randomly, the result of the study was revealed that the rate of gain in skills (1.58%), this means that the use of mobile learning technology with the experimental group had an increase in efficiency in the ability of students to solve problems and build on this result the second hypothesis was accepted. The study concluded a series of recommendations including; the need to encourage the use of mobile learning technology as a means to teach mathematics, and take advantage of all technologies offered by mobile devices and suitable for educational uses including, reading e-books and applications of construction and configuration as well as social networking tools.