

Title: Solving the theoretical problem in Linear Algebra with Matlab/Maple.

Abstract:

Since two years ago we had lab work in our Linear Algebra class. This class is for the first year student in Department of Math University of Indonesia.

It is only to introduce how to solve the problem with Matlab /Maple, in order some day they be able to use those software for helping them in their last undergraduate project.

Indeed it is to be done, many of them worked their project by manipulating the software and succeed

But, all the projects involve with computation. So in the last semester we tried to give the student

theoretical problems in lab work. Although the problem is not so complicated, it is still

interesting form. It is to force the student to understand about the concepts, for they should be done the problem in indirect method.

In my paper, I want to discuss about that, E.I. the difficulty and the interesting one.