Abstract:
This dissertation represents issues in e-laboratories /virtual, remote and computer operated laboratories/. It has been discussed lately their uses in studies and their influence on correct understanding researched issues. This work also conducts a survey of current state and opinions on e-laboratories. This study is applied primarily to virtual laboratories, specifically physical applets from an optics area. There are 9 apllets. There is a prepared questionare where teachers of high, primary and secondary schools evaluates quality of processing, physical correstness, arrangement and usage in education. Gained data is processed into clear arrangement graphs and subsequently assesed.

Keywords:
E-laboratory, virtual laboratory, physics applets, critical thinking