

This diploma thesis concentrates in particular on learning from text with mathematical content. The topic is discussed from the theoretical as well as practical point of view. As for the theoretical part, four key terms, i.e. human learning, factors which influence human learning, meaningful learning, learning from text, are to a great extent analysed. The practical part of my diploma thesis is devoted to the preparation, the process of pre-experiment and experiment, presentation of their results. Relevant differences between the results of my experiment and the experiment of Hana Klímová are compared and discussed. Some data used in pre-experiment and experiment are presented in the section of attachments.