

Solving of quantitative physics tasks makes out a considerable part of physics education. The goal of this work is to decide, whether the methods described in literature correspond in any way with the methods chosen by the students and teachers. For a better understanding of difference between two examined methods, eight physics task along with their detailed solution in term of both methods are presented in this work. The solution of seven high school students and eleven teachers with different length of teaching experience was examined. On the basis of this examination, the author came to conclusion that methods used by students and teachers when solving the given tasks correspond to those described in literature.