Comparing Examples: WebAssign versus Textbook

EVAN RICHARDS, North Carolina State University, JEFF POLAK, University of Wisconsin-Whitewater, ASHLEY HARDIN, Broughton High School, DR. JOHN RISLEY, WebAssign, North Carolina State University — Research shows students can learn from worked examples. This pilot study compared two groups of students’ performance (10 each) in solving physics problems. One group had access to interactive examples released in WebAssign, while the other group had access to the counterpart textbook examples. Verbal data from students in problem solving sessions was collected using a think aloud protocol and the data was analyzed using Chi’s procedures. An explanation of the methodology and results will be presented. Future phases of this pilot study based upon these results will also be discussed.


1Funded in part by Advanced Instructional Systems, the provider of WebAssign.