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Using cooperative learning to improve students' problem solving in physics

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Abstract :

This paper reports on work done in the Physics Department at the University of the Western Cape using cooperative learning to improve students' problem-solving in physics. The first Semester mechanics module of the mainstream physics first year program focuses on a student-centered teaching and learning approach. Cooperative learning is used in this approach as a tool to promote student participation in their learning and to improve their problem solving in physics. The mainstream mechanics module teaching and learning approach and use of cooperative learning to improve students' problem solving in physics will be presented and discussed.

Award :

no

Level :

no

Supervisor :

no

Paper :

yes

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