

THE STUDY OF PHYSICS USING VIRTUAL REALITY TECHNOLOGY

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Abstract: Physics is considered the basis of future in the economic development of any civilized country. Regarding education and research as a whole, at world level, there are three factors that influence education directly with profound implications, respectively the economical factor, the political one and the military one. On the one hand, these factors created a state of intensity that stimulate through massive financial investments the evolution of specialists and, on the other hand, they led to the founding of a few elite education centres (post-university), where the pedagogic methodology of teaching physics is avant-garde. Particular roles have computers, by creating virtual reality (V.R.), in training their own scholars and specialists of financial giants, being the highest form of the human-computer system. Nowadays, the study of physics assisted by V.R. is at an informal level, which means studying physics outside of an organized group, without objectives and without established operational behaviour.

Bibliography:

1. Nicolae, Irina. Doctorate Thesis, Faculty of Physics, University of Bucharest, 2005.
2. Jokie, Stevan., Ivanka Milosevi, Antun Balaz, Zoran Nikolz, Fifth General Conference of the Balkan Physical Union (BPU5), Serbian Physical Society, Belgrade, 2003