
E-course on Physics for distance learning

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Each e-course (EC) begins with the curriculum, which includes such fields as Physical Fundamentals of Mechanics, Physical Thermodynamics, Electromagnetism and Wave Properties of Light. The e-course comprising 298 tasks from well-known books on problems in general physics for technical universities with links to them, includes problems with effective implementation in engineering and technology. The theoretical part, occupying the largest place in the e-course, gives the results of all the issues identified in the curriculum, and is divided into ten sections. One part of the e-course lists the sample solutions to 79 tasks for each of 16 workshops. The course focuses on a detailed solution, graphic component development and relates these solutions to the theoretical part of the course using hyperlinks between the individual files. The e-course has been tested over the last 10 years among hard of hearing and deaf students of Bauman MSTU. The students can have an access to the course in pdf. and doc. formats by e-mail.

Keywords: *physics, distance learning, electronic problem book, electronic lectures, examples of solving problems on general physics.*

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