

Mechanics – a New Internet Tutor**Aleksandr Kositsyn**

Odessa State Academy of Civil Engineering and architecture, Dept. of Theoretical Mechanics, Odessa, Ukraine

In teaching theoretical mechanics there is quite often a gap between learning theoretical models by a student and comprehension of a possibility of their practical use. To help learning Mechanics, to show how abstract models work in engineering tasks, to make Mechanics more attractive are the basic ideas which were incorporated in the concept of the website Mechanics (URL: www.emomi.com). The history of engineering knows many cases when mistakes have resulted in serious consequences. The analysis of such incidents from the point of view of mechanics happens rather instructive. The site pages <Situations> and <Practice – theory> are devoted to such analysis. On-line control of skills on mechanics, applets, educational literature, biographies of scientists, inventors, articles on a history of engineering and many other topics each one can explore on the Site, which one regularly fills up. The Site is useful for young educators too.

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