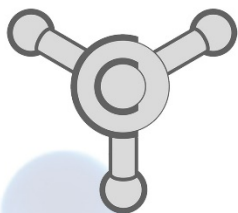


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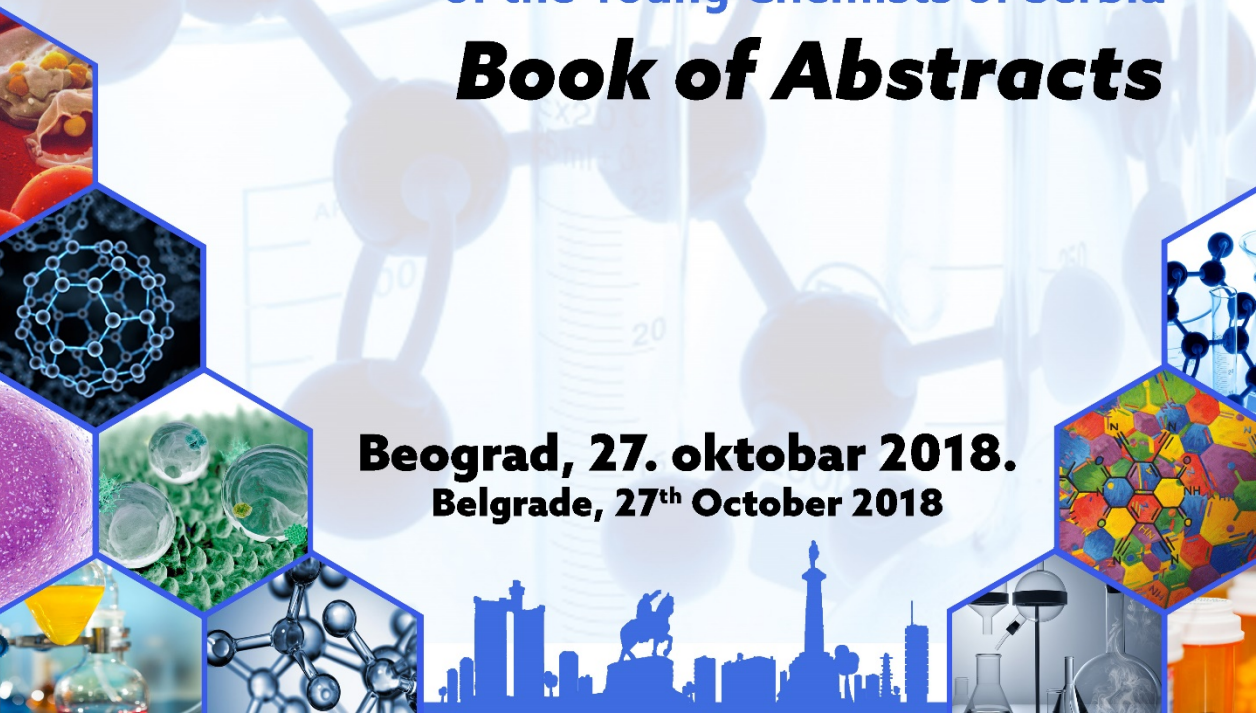


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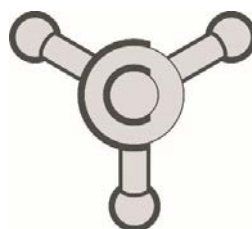
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Application of web pages for self-help in teaching subjects on solutions and dissolution

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Due to the abstract nature of chemical terms, various teaching tools are used throughout the teaching process in order to help students to form clear representations of these terms. Information and Communication Technologies (ICT) make the teaching and learning of chemistry easier by enabling those involved in the system of education to prepare and implement digital multimedia teaching materials that make the attainment of learning goals and better learning outcomes possible.

This paper is a research aimed at examining the efficiency of using web pages as a teaching tool to be used by students in order to self-help in understanding and remembering the terms “solutions” and “dissolution”.

The seventh grade elementary school students from two primary schools in Belgrade participated in this study, total of them 249 took tests of which 210 with statistically analyzed results. In addition to the tests, two questionnaires were used as research instruments.

The obtained results showed that students who had accessed information on solutions and dissolution via web pages, compared to pupils who did not use them, had better performance on the tests.