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## ORGANIZATION OF TRAINING OF STUDENTS IN ROBOTICS ON THE BASIS OF A VIRTUAL LABORATORY<sup>1</sup>

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**Abstract:** Today, virtual laboratories occupy a special place among digital educational resources. This term means that laboratory work and experiments within the framework of the study of Natural Science subjects of elementary and basic school can be performed in a virtual environment. Virtual laboratories are designed to organize distance education, conduct experiments and laboratory work on a virtual desktop in various school subjects in a cloud application. Virtual laboratories have a large catalog of various school equipment that allows you to conduct experiments in all subjects. In addition, the virtual laboratory allows you to test hypotheses, experiment, study, confirm the reality of physical laws, expand the spectrum of manipulation of objects.

**Keywords:** Robotics, virtual laboratory, breakthrough technologies, informatization, education, innovative methodology, development activities.

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