
X-ray diffractometer simulator

T.N. Romanova, B.E. Vintaykin, A.M. Zinchenko

Bauman Moscow State Technical University, Moscow, 105005, Russia

Different ergonomic, technical and physical reasons for creating X-ray diffractometer simulator are considered. Its role for learning processes in technical universities is considered in this article too. The expert system that provides opportunity to carry out virtual diffraction experiment for the purpose of X-ray phase analysis was designed on the basis of our research and analysis the applications of X-ray diffractometer for crystal lattice study.

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Romanova T.N. (b. 1951) graduated from Ivanovo State Pedagogical Institute in 1973. Ph.D., Assoc. Professor of the Software and Information Technologies Department of Bauman Moscow State Technical University. Author of 30 scientific works in the field of mathematical modeling, optimization and information system design. e-mail: rtn@bmstu.ru

Vintaikin B.E. (b. 1961) graduated from Lomonosov Moscow State University in 1984. Dr. Sci. Phys. & Math.), Professor of the Physics Department of Bauman Moscow State Technical University. Author of 90 scientific works in the field of physics. e-mail: vintaikb@mail.ru

Zinchenko A.M. (b. 1991) undergraduate of the Software and Information Technologies Department of Bauman Moscow State Technical University. e-mail: sasha-zin@mail.ru
