KREDIT-MODUL TIZIMIDA ATOM FIZIKASI MASHG'ULOTLARINI O'TKAZISHNING TASHKILIY-METODIK MASALALARI

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ANNOTATSIYA

Ushbu maqolada vodorod atomining orbitallari Shredinger tenglamasi asosida talqin qilinib, kvant parametrlarni tushuntirishga imkon beruvchi vertual laboratoriya yaratishdagi natijalar keltirilgan. Nazariy ma'lumotlar taqqoslandi. Atom orbitallari Maple dasturi yordamida modellashtirilgan.

Kalit so'zlar: kvant, spektr, elektron, foton, potentsial, energiya, to'lqin, energiya, effekt, orbita.

ORGANIZATIONAL AND METHODOLOGICAL ISSUES OF ATOMIC PHYSICS IN THE CREDIT-MODULE SYSTEM

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ABSTRACT

This paper presents the results of the creation of a virtual laboratory that allows the orbitals of the hydrogen atom to be interpreted on the basis of the Schrödinger equation and to explain the quantum parameters. Theoretical data were compared. Atomic orbitals were modeled using the Maple program.

Keywords: quantum, spectrum, electron, current, wave, atom, effect, orbit.