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CYBERNETIC MODELING OF ELECTRONIC CHARACTERISTICS OF HYDROGEN AND HELIUM. I

The fundamental mathematical models of elastic electronic polarization and atomic structure of the examined substances are considered. An alternative interpretation of their electronic configuration is proposed. The first part of the paper presents the results of combining the fundamental provisions of quantum physics with the theory of forced harmonic oscillations.

Keywords: line spectrum; electron resonance; absorption coefficient; refraction coefficient; computing experiment.

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