UV ABSORPTION PROCESSES IN THE DEBYE SPHERE, BY INTERACTION PLASMA – METAL ON THE SURFACE OF PLANT TISSUE EUGENIA UNIFLORA

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ABSTRACT

Using an electro dynamics quantum model of near field, the aim of this work is to prove the existence of radiation in the UV band, caused by the interaction of electromagnetic field distribution not neutral, high frequency plasma with metal nano particles (MNPs) deposited on the biological tissue surface samples (plant samples Eugenia Uniflora) by absorption processes - breathability.

KEYWORDS: Electromagnetic Fields, Electrical Conductivity, Hamilton Operator, Electric Permittivity & Voltage

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