

DISTRIBUTION OF ELECTROMAGNETIC WAVES TO CHEMICALLY CHANGING ENVIRONMENTS

Abstract

Creation of physical fields has put forward a series of new vital scientific problems. The problem of influence and influence of physical fields concerns to them on physical mechanical and physical and chemical characteristics of materials, and also, on dynamic processes occurring in the nature, and also, on ecology of the nature. In particular, studying of the mechanism of their mutual interaction against each other. For today the part of these questions was found with the scientific sanction owing to specially developed methods of experimental physics.

However for today there is no theoretical basis on rational management of processes of mutual interaction of hypothetical, physical fields with real materials and environments, in particular, with changing environments. Absence of an appropriate theoretical basis does not allow to give the answer about the mechanism of interaction of physical fields with chemically, physical chemically or bio-chemically changeable environments. Therefore such applied problems as energy-dynamic intercellular interactions; a problem of punching of micro-electronic schemes influence by the directed electromagnetic fields; a problem of management chemical or biochemical processes by means of influence by electromagnetic fields and many other things, for today, remain unresolved. In clause statement of a problem of distribution of electromagnetic waves in chemically changing environments is given and the generalized equations of electrodynamics of chemically changing environments are offered.