

THE SCATTERING OF ELECTROMAGNETIC WAVES IN MAGNETIZED PLASMA WITH LOWER AND UPPER HYBRID PUMP

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The scattering of a transverse electromagnetic wave by turbulent density fluctuations in the homogeneous and inhomogeneous magnetoactive plasma with the lower and upper hybrid pump wave was investigated. We calculate the coefficient of the scattering for the plasma with density gradient in the presence of parametric instabilities of lower hybrid and upper hybrid waves.