Abstracts

Normal Incidence on Semi-Infinite Longitudinally Drifting Magnetoplasma: The Nonrelativistic Solution (Correspondence)

The purpose of this correspondence is to present a nonrelativistic solution to the problem of normal incidence of electromagnetic waves on a semi-infinite longitudinally drifting homogeneous cold magnetoplasma. Reflected and transmitted waves from the drifting boundary are found and the results are identical with a relativistic solution presented by Chawla and Unz.

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