

1-IV C3

ON DIFFRACTION OF RADIO WAVES STRATIFIED
ATMOSPHERE

N.A.Armand

The Institute of Radio Engineering and Electronics
of the Academy of Sciences of the USSR
Moscow, USSR

Summary

The theoretical problems of the radiodiffraction around the Earth are discussed.

The method of the reference equations is valid for the description of the atmospheric effects in the case of smooth profile of the air refractivity. This method

shows the limit of validity of the "equivalent Radius of the Earth" approximation. The atmospheric layer effects are described and the types of modes are analysed.