

THE STRUCTURE OF A DIFFRACTED  
BOUNDARY “WAVE” ORIGINATING  
FROM A RESTRICTED BEAM

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S u m m a r y

The structure of a Young—Rubinowicz boundary “wave” formed by restricted beam edge diffraction is analyzed using the rigorous theory of diffraction. The meaning of the degeneracy of the amplitude break of this “wave” simulated by a computer in an edge dislocation is explained. The requirements supposing the identification of extended flanks of a boundary “wave” with real waves of an electromagnetic field are improved.