224.
Accession number:20113714316950
Title:Form birefringence characteristics of dielectric subwavelength gratings in terahertz band
Authors:Kuleshov, D.I. (1); Shcherbatko, I.V. (1); Yanovskyi, M.S. (1)
Author affiliation:(1) A. Usikov Institute of Radio Physics and Electronics, National Academy of Sciences of Ukraine, 12, Academician Proskura St., Kharkiv 61085, Ukraine
Corresponding author:Kuleshov, D.I.
Source title:Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)
Abbreviated source title:Telecommun Radio Eng
Volume:70
Issue:13
Issue date:2011
Publication year:2011
Pages:1133-1142
Language:English
ISSN:00402508
CODEN:TCREAG
Document type:Journal article (JA)
Publisher:Begell House Inc., 50 Cross Highway, Redding, CT 06886, United States
Abstract:Rigorous Coupled Wave Analysis was applied for simulation of effective refraction and birefringence coefficients for dielectric subwavelength gratings. As an example, the broadband quarter- and half-wave differential phase sections were calculated on the basis of dielectricgrating in the range of 1.7...2.55 mm wavelength.
Number of references:13