

Abstracts

Polarization Transformation in Twisted Anisotropic Media (Comments)

P. Shelton. "Polarization Transformation in Twisted Anisotropic Media (Comments)." 1966 Transactions on Microwave Theory and Techniques 14.11 (Nov. 1966 [T-MTT]): 579-579.

The artificial anisotropic medium illustrated in Fig. 1 of Van Doeren's Paper is not twistable in the sense intended by the author. A moment's contemplation reveals that the lateral distance moved by the rotating layers, for given distance moved in a direction parallel with the twist axis, is directly proportional to the distance from the twist axis. The result is a medium with characteristics that vary drastically as a function of the position relative to the twist axis.

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