

Abstracts

On Optimum Mirrors of the Fabry-Perot Resonator Filled with Anisotropic Medium (Short Papers)

T. Tanaka and M. Suzuki. "On Optimum Mirrors of the Fabry-Perot Resonator Filled with Anisotropic Medium (Short Papers)." 1972 Transactions on Microwave Theory and Techniques 20.8 (Aug. 1972 [T-MTT]): 546-547.

A Fabry-Perot resonator formed by parabolic cylindrical reflecting mirrors and filled with anisotropic medium is analyzed theoretically. For the resonance of the extraordinary wave in such a resonator, optimum shapes of the reflecting mirrors exist, which are derived from the boundary conditions on each mirror.

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