Abstracts

Use of the Moment Method and Dyadic Green's Functions in the Analysis of Quasi-Optical Structures

A moment method using a dyadic Green's function is developed for the analysis of quasi-optical systems. The dyadic Green's function used has separate terms for the paraxial and non-paraxial fields and is much easier to develop than a mixed potential Green's function. The method is applied to the analysis of antenna elements in a quasi-optical resonator.

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