Abstracts

On the Question of Computation of the Dyadic Green's Function at the Source Region in Waveguides and Cavities (Short Papers)

The derivation of the dyadic Green's function for rectangular waveguides and cavities is approached systematically by using the theory of distributions. It is shown that, in order to obtain a complete solution for the field distribution in the entire structure, one must add an additional term to the classical expansion which is valid only outside the source region.

❑ Return to main document.