

# Abstracts

## Scattering by Dielectric Obstacles Inside Guiding Structures

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A.S. Omar and K. Schunemann. "Scattering by Dielectric Obstacles Inside Guiding Structures." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 321-323.

Green's function method is applied to the problem of dielectric resonators inside conducting cavities or waveguides. Systematic solutions are derived and applied to the calculation of resonant frequencies, radiation quality factors, and coupling coefficient.

 [Return to main document.](#)