

# Abstracts

## Electromagnetic Resonances of Free Dielectric Spheres (1967 [MWSYM])

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*M. Gastine, L. Courtois and J.L. Dormann. "Electromagnetic Resonances of Free Dielectric Spheres (1967 [MWSYM])." 1967 G-MTT International Microwave Symposium Program and Digest 67.1 (1967 [MWSYM]): 28-31.*

The last few years have seen the publication of several studies of electromagnetic resonances of free dielectric samples. This is explained by the high Q factor that can be obtained with a little space-factor, when using high dielectric constant materials and a low dissipation factor ( $\tg \delta$ ), The resonators used lend themselves to a number of different applications. However their use requires a good knowledge of their spectra and field configuration.

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