

# Abstracts

## Shunt Impedance of Klystron Cavities

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*E.L. Ginzton and E.J. Nalos. "Shunt Impedance of Klystron Cavities." 1955 Transactions on Microwave Theory and Techniques 3.5 (Oct. 1955 [T-MTT]): 4-7.*

Values of  $R/Q$  for re-entrant resonators are given for configurations for which neither the coaxial-field nor the radial-field approximations are valid. The values are calculated by net point methods, and agree well with experimental values obtained by perturbation methods. Some errors arising from the finite dimensions of perturbing plungers are also discussed.

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