

# Abstracts

## Computation of the Performance of the Abrupt Junction Varactor Doubler

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*A.I. Grayzel. "Computation of the Performance of the Abrupt Junction Varactor Doubler." 1966 Transactions on Microwave Theory and Techniques 14.5 (May 1966 [T-MTT]): 239-242.*

A computational procedure is given for the solution of the large signal abrupt junction varactor doubler as the input frequency is varied, given the available power of the source and the source and load impedances. The basic equations are presented in a convenient form. The steps in the procedure are then outlined, and an example is given to demonstrate their use.

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