

# Abstracts

## Characteristic Impedances of Coaxial Structures of Various Cross Section by Conformal Mapping (Short Papers)

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*E. Costamagna and A. Fanni. "Characteristic Impedances of Coaxial Structures of Various Cross Section by Conformal Mapping (Short Papers)." 1991 Transactions on Microwave Theory and Techniques 39.6 (Jun. 1991 [T-MTT]): 1040-1043.*

In a recent paper, Pan presented numerical results for the characteristic impedance of a large number of coaxial systems with different geometry, and compared them with earlier published results. Here, the recently developed numerical techniques for the inversion of the Schwarz-Christoffel conformal transformation have been used to compare the results presented in [1]. The results agree very well, thus lending further weight to the two calculation techniques discussed in [1] and [2].

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