

# Abstracts

## Design of Lossless Junction, Given One Row in its Scattering Matrix (Correspondence)

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*H.F. Mathis. "Design of Lossless Junction, Given One Row in its Scattering Matrix (Correspondence)." 1966 Transactions on Microwave Theory and Techniques 14.3 (Mar. 1966 [T-MTT]): 159-159.*

It is desirable occasionally to find a lossless n-port junction which has a scattering matrix with a specified row. In some cases, it may be sufficient to know that such a junction exists. An example of how such a junction might be used is given later.

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