

Abstracts

Equivalent Transformations for Mixed Lumped and Distributed Circuits

R. Sato, Y. Nemoto and K. Kobayashi. "Equivalent Transformations for Mixed Lumped and Distributed Circuits." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 518-520.

In this paper we show the basic concepts of the equivalent transformations for a class of mixed lumped and distributed circuits and extend these transformations to mixed lumped and multiconductor coupled circuits. Then we discuss an equivalent transformation for a circuit consisting of a cascade connection of a lumped resonant circuit and unit element.

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