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RF Microwave Wireless High Frequency Application Note

EEE194 RF Microwave Filters - $L = Z_0 \tan \theta/8 = Z_0$ S.C. $C = 1/Z_0 \tan \theta/8 = Z_0$ O.C. The $\theta/8$ transmission line sections are called commensurate lines, since they are all the same length in a given filter. Kuroda's idea is use the $\theta/8$ line of appropriate Z_0 to transform awkward or unrealizable elements to those with more tractable values and geometry.

Microwave Filters - University of San Diego

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ICCCS 2019

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Interlock (engineering) - Wikipedia

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Electronic news-gathering - Wikipedia

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The Smith Chart was originally created many years ago as an RF engineering aid by Phillip Smith of RCA. Actually, Smith may not have been the first inventor of this tool -- a Japanese engineer named Kurakawa independently created a similar chart about a year before Smith.

A Collection of Smith Chart Resources - Spread spectrum

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The US Navy's newest light cruiser and aircraft carrier designs offer a wide array of new technologies. One is the Dual-Band Radar (DBR) system, which can be scaled up or down for installation in the new DDG-1000 Zumwalt Class "destroyers", and the CVN-21 Gerald R. Ford Class aircraft carriers.. The DBR concept involves a significant change from current naval design approaches, and that ...

The US Navy's Dual Band Radars - Defense Industry Daily

Die Permittivität des Vakuums ist eine Naturkonstante. Im Vakuum besteht zwischen der magnetischen Feldkonstanten, der Permittivität des Vakuums und der Vakuumlichtgeschwindigkeit folgender Zusammenhang: = Im Internationalen Einheitensystem (SI) geschieht die Rückführung der elektromagnetischen auf die mechanischen Größen in der Definition der Stromstärke.

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