

Abstracts

Accuracy of Equations for Coupled Slab Lines (Letters)

*P.W. Van der Walt. "Accuracy of Equations for Coupled Slab Lines (Letters)." 1987
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The determination of the characteristic impedance of coupled slab lines has been a subject of investigation for many years. Following on Frankel's pioneering work, Chisholm obtained an accurate analytical solution for the odd-mode impedance of a pair of coupled slab lines. In 1980, Levy presented Chisholm's equations, together with those due to McDermott for the even-mode impedance, in a general form suitable for calculation. He also confirmed the accuracy of the equations with an efficient numerical procedure.

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