

# Abstracts

## A Note on the Mixed Potential Representation of Electric Fields in Layered Media (Short Papers)

---

*M.J. Cloud and D.P. Nyquist. "A Note on the Mixed Potential Representation of Electric Fields in Layered Media (Short Papers)." 1989 Transactions on Microwave Theory and Techniques 37.7 (Jul. 1989 [T-MTT]): 1150-1152.*

A mixed potential formulation is given for electric fields in layered environments. Contributions to the field from charges are identified explicitly through a scalar Green's function for layered media. The outcome is a computationally expedient Sommerfeld integral representation.

 [Return to main document.](#)

Click on title for a complete paper.