

# D

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## Additional Software Available via the Internet

As an additional aid to instruction, a number of FORTRAN routines are available via the Internet. At the time of this writing the codes include the following:

PTME1.F	Code from Appendix C, Section C.1
PTME2.F	Complete code from Appendix C, Section C.2
PTME3.F	Complete code from Appendix C, Section C.3
ETPJT.F	Subroutine implementing the source-field relation for the triangle basis function-pulse testing function approach associated with the TE formulation from Section 2.4
PDSUBS.F	Subroutines implementing the entire set of source-field relations described in Appendix B
TMTEBT.F	Source code for the first-order triangular-cell finite-element treatment of the scalar Helmholtz equation for a two-dimensional region terminated with the second-order Bayliss-Turkel RBC

A README file contains detailed information. Additional codes may be added to this set in the future.

The files are available on EMLIB, and can be accessed via internet browsers at the address <http://emlib.jpl.nasa.gov/EMLIB/education.html>.