Topics for Today:

• Course Info:
  • Web page:  http://www.ee.mtu.edu/faculty/bamork/ee5220/
  • Book, references, syllabus, more are on web page.
  • Software - Matlab. ATP/EMTP [ License - www.emtp.org ] ATP tutorials posted on our course web page
  • EE5220-L@mtu.edu (participation = half letter grade, 5%)

• HW#7 - due after break - what is status?  Wed 5pm at latest.
• Term Project - Mar 23rd - a) complete reference list and b) fully-detailed table of contents according to format given in Term Project Guidelines, e-mail Dr. Mork.
• Multi-conductor line models for transient and traveling wave behaviors
  • Traveling wave equations for multi-conductor system
  • References for Transmission Line model development
    • Snelson, Meyer & Dommel, Marti, Noda, Gustavsen
  • Reflections and refractions of traveling waves.
    • Sections 9.3 and 9.4 of your text
    • Discontinuity in impedance is main issue. Handle lumped impedances at source or receiving end the same as change in $Z_C$ along the length of line.
ATP Pointers

- Save Metafile
- Alt - PrtScr (Active Window)
  Ctrl - PrtScr (Whole Screen)

- PlotXY - Add Symbols
  Copy → Clipboard
  Copy → Metafile

File Types: Associate .acp with ATPDraw.exe
- Bergen - Constant $Zc$
- Pi - Lumped Param
- JMark - $Zc(f)$
- Semlyen -
- Noda -