

# Free Windows® GEMI Software



## Lets You Plot Magnetic Field Density

ElectroMagnetic Interference (EMI) can significantly reduce the effectiveness of computers and other sophisticated electronic equipment. It can cause problems ranging from distortion of monitor images to the alteration or destruction of valuable digital data and the disruption of communications.

Georgia Tech—under the sponsorship of the Steel Tube Institute of North America (STI)—has conducted in-depth research on reducing the effect of electromagnetic fields on electrical and electronic equipment.

The result is the **G**rounding and **E**lectro**M**agnetic **I**nterference (GEMI) analysis software, available free from STI.

It lets you accurately calculate the electromagnetic field density of a network design for conduit-enclosed circuits. The research shows that steel conduit can reduce electromagnetic fields at 60 Hz power frequency levels by as much as 95%.

## Lets You Determine Maximum Allowable Length Of Equipment Grounding Conductor

The GEMI software also includes research on equipment grounding. GEMI lets you confirm design parameters of grounding systems that use steel electrical conduit and helps you determine whether your electrical designs comply with the equipment grounding requirements of the NEC.

For your free copy of the GEMI CD, contact the Steel Tube Institute, 2000 Ponce de Leon, Suite 600 Coral Gables, Florida 33134 tel: (305) 421-6326 e-mail: [STINA@steeltubeinstitute.org](mailto:STINA@steeltubeinstitute.org)

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