## **Induced voltages in the screens of cable lines.** *Korovkin N. V., Minevich T. G.*

Two approaches have been formulated to calculate EMF induced in the shield of buried cable. Integral or differential presentation of electrical and magnetic quantities is possible to use in calculations of electromagnetic field parameters. The scope of application of each approach has been analyzed.

Key words: electromagnetic field equations, magnetic flux, EMF, buried cable, high-voltage line.