Question 19

Q: Can Femtet calculate the electromotive force that is generated by electromagnetic induction?

(Magnetic analysis/Electromotive force)

A: Femtet can calculate electromotive force in the magnetic analysis.

1. With two coils, you can calculate the electromotive force generated across one coil while current is flowing through the other coil.
2. 2. You can calculate the electromotive force under the external magnetic field.

Please refer to Example 33 and Example 34 of the magnetic analysis on the Femtet help menu below for more information:

Home>Examples>Magnetic Analysis (Gauss, Sataic Analysis/Harmonic Analysis)/Example 33: Coil-to-Coil Power Transfer,
Home>Examples>Magnetic Analysis (Gauss, Sataic Analysis/Harmonic Analysis)/Example 34: Electromotive Force of NFC Coil.