

Question 14

Q: Can Femtet perform the analysis with magnetic saturation taken into account? (Magnetic analysis/Magnetic saturation/B-H curve)

A: Yes, Femtet can do it.

On the [Permeability] tab in the material property dialog box, select [B-H curve] for the magnetization characteristic type and click the [...] button. The [B-H Curve Table] dialog box will appear for defining the B-H curve.

Please refer to Example 19 of the magnetic analysis on the Femtet help menu below for nonlinear material definition.

Home>Examples>Magnetic Analysis (Gauss, Static Analysis/Harmonic Analysis)>Example 19: Inductance of Nonlinear Material (B-H Curve)

