**Transformed E&M I materials**

**Field of Magnetized Object (Bound Current)**

**(Griffiths Chapter 5)**

**TIMELINE**

Prof A covers this in lectures 38.

Prof B. covers this in lecture 32.

Transformed course covered in lectures 39,40.

**LEARNING GOALS**

1. Students should be able to predict whether a particular magnetization will result in a bound surface and/or volume current, for simple magnetizations.
2. Students should be able to give a physical interpretation of bound surface and volume current, using Stokes’ Theorem.

**CLASS ACTIVITIES**

None.