Assignment 10

Due on: 2014-10-08, 20:55:57

1. A magnetic material has magnetic field strength 67.3 T. If the susceptibility of the material is constant at 0.10, calculate the magnetisation of the material.

2. A paramagnetic material has magnetic field strength 32.1 mT. If the susceptibility of the material is constant at 0.50, calculate the magnetisation of the material.

3. The magnetic susceptibility varies with temperature (T°C).

4. The magnetic susceptibility varies with Curie temperature (T°C).

5. The magnetic susceptibility varies with temperature (T°C) and Curie temperature (T°C).