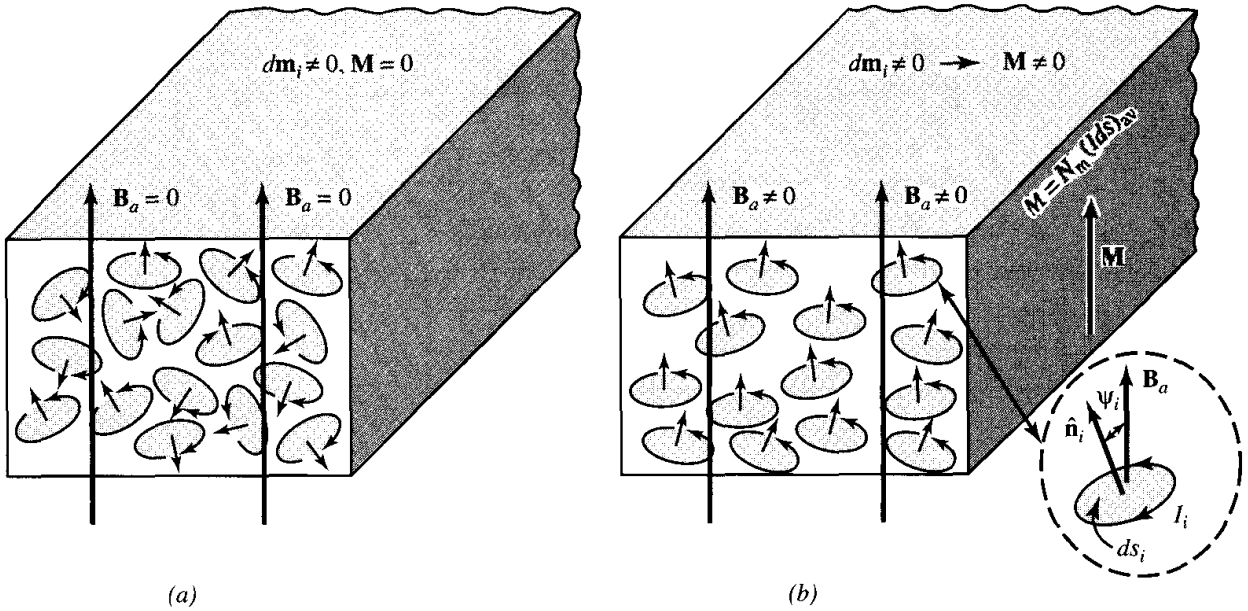

Figure 2-8 Orientation and alignment of magnetic dipoles. (*a*) Random in absence of an applied field. (*b*) Aligned under an applied field.

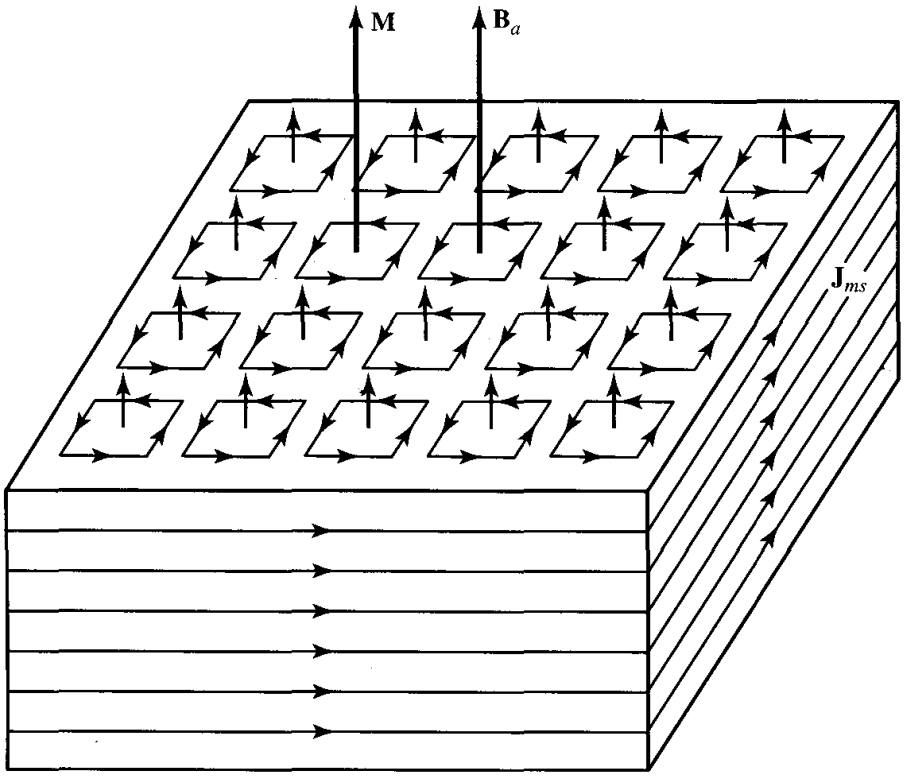

Figure 2-9 Magnetic slab subjected to an applied magnetic field and the formation of the magnetization current density $\mathbf{J}_{ms}$.

Advanced Engineering Electromagnetics (Second Edition), Balanis, Wiley, 2012, ISBN-10: 0470589485, ISBN-13: 978-0470589489.