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Scalar *variables* and *physical constants* should be italicized, and a bold (non-italics) font should be used for **vectors** and **matrices**. Do not italicize subscripts unless they are variables.

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$$A = \pi r^2. \tag{1}$$

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$$A = \pi r^2, \tag{2}$$

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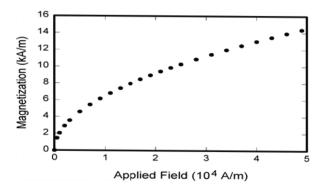


FIGURE 1. Note that "Figure" is spelled out. There is a period after the figure number, followed by one space. It is good practice to briefly explain the significance of the figure in the caption. (Used, with permission, from [4].)

TABLE 1. Units for magnetic properties.

Symbol	Quantity	Conversion from Gaussian and CGS EMU to SI ^a
Ф	Magnetic flux	$1 \text{ Mx} \rightarrow 10^{-8} \text{ Wb}$ = $10^{-8} \text{ V} \cdot \text{s}$
В	Magnetic flux density, magnetic induction	$1 G \rightarrow 10^{-4} T$ = $10^{-4} Wb/m^2$
Н	Magnetic field strength	1 Oe $ ightarrow$ 10 $^{-3}/(4\pi)$ A/m
m	Magnetic moment	1 erg/G = 1 emu \rightarrow 10 ⁻³ A · m ² = 10 ⁻³ J/T
М	Magnetization	1 erg/(G \cdot cm ³) = 1 emu/cm ³ \rightarrow 10 ⁻³ A/m
4 π M	Magnetization	$1~ extsf{G} ightarrow 10^{-3}/(4\pi) extsf{A/m}$

^aGaussian units are the same as cg emu for magnetostatics; Mx = maxwell, G = gauss, Oe = oersted; Wb = weber, V = volt, s = second, T = tesla, m = meter, A = ampere, J = joule, kg = kilogram, H = henry.

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Acknowledgment

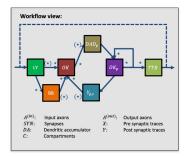
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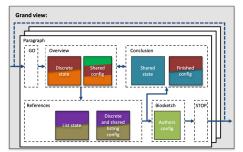


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ACKNOWLEDGMENT

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