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Table 1. Units for magnetic properties.

|  |  |  |
| --- | --- | --- |
| Symbol | Quantity | Conversion fromGaussian and CGS EMU to SIa |
| Φ | Magnetic flux | 1 Mx *→* 10*−*8 Wb |
| *B* | Magnetic flux density, magnetic induction | = 10*−*8 V *·* s1 G *→* 10*−*4 T= 10*−*4 Wb/m2 |
| *H* | Magnetic field strength | 1 Oe *→* 10*−*3*/*(4*π*)A/m |
| *m* | Magnetic moment | 1 erg/G = 1 emu |
|  |  | *→* 10*−*3 A *·* |
| *M* | Magnetization | m2 = 10*−*3 J/T1 erg/(G *·* cm3) = 1 |
|  |  | emu/cm3 *→* 10*−*3 |
|  |  | A/m |
| 4*πM* | Magnetization | 1 G *→* 10*−*3*/*(4*π*) |
|  |  | A/m |

Vertical lines are optional in tables. Statements that serve as captions for the entire table do not need footnote letters. 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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The “Acknowledgment” (no’s) section appears immediately after the conclusion. If applicable, this is where you indicate funding for the work. The preferred spelling of the word “acknowledgment” in American English is without an “e” after the “g.” Avoid expressions such as “One of us (S.B.A.) would like to thank*..*.” Instead, write “We thank*...*.” Sponsor and financial support acknowledgments are included in the acknowledgment section. For example: This work was supported in part by the U.S. Department of Commerce under Grant BS123456 (sponsor and financial support acknowledgment goes here). Researchers that contributed information or assistance to the article should also be acknowledged in this section. Also, if corresponding authorship is noted in your paper it will be placed in the acknowledgment section. Note that the acknowledgment section is placed at the end of the paper before the reference section.



Figure 2. 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].)

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ACKNOWLEDGMENT

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