

Title: No More Than Four Lines

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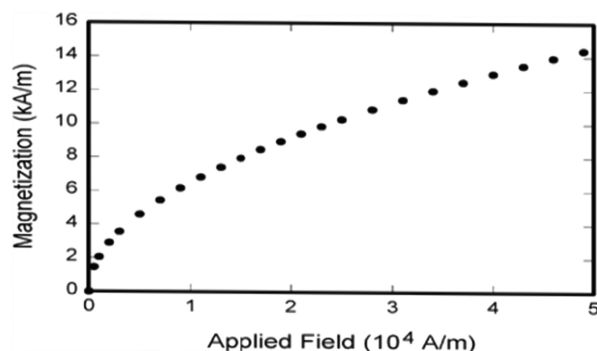


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All acronyms should be defined at first mention in the abstract and in the main text. Define in figures and tables only if not defined in the discussion of the figure/table. Acronyms consist of capital letters (except where salted with lowercase), but the terms they represent need not be given initial caps unless a proper name is involved [“central processing unit” (CPU) but “Fourier transform” (FT)]. Use of “e.g.” and “i.e.” is okay in parenthetical statements, but avoid using “etc.”

Abbreviate units of time (s, min, hr, mo, yr) only in virgule constructions (10 $\mu\text{g/hr}$) and in artwork;

TABLE 1. Units for magnetic properties.

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

^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.

otherwise, spell out (e.g., 3 months, 25 minutes). Units of measure (such as Kb, MB, kWh) should always be abbreviated when used with a numeral; if used alone, spell out (“16 MB of RAM” but “these values are measured in micrometers”).

Numbers

Spell out numerals up to ten that have no unit of measure or time (one, two ten), but always use numerals with units of time and measure. Some examples are as follows: 11 through 999; 1000; 10,000; 20th century; twofold, tenfold, 20-fold; two times; 0.2 cm; $p = .001$; 25%; 10% to 25%.

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Be sure the symbols in your equation have been defined before the equation appears or immediately following. Please refer to “(1),” not “Eq. (1)” or “equation (1).”

Punctuate display equations when they are part of the sentence preceding it, as in

$$A = \pi r^2 \quad (1)$$

If the text following the equation flows logically as a part of the display equation, such as

$$a^2 + b^2 = c^2, \quad (2)$$

treat the display equation as you would inline text, using punctuation after the equation as necessary.

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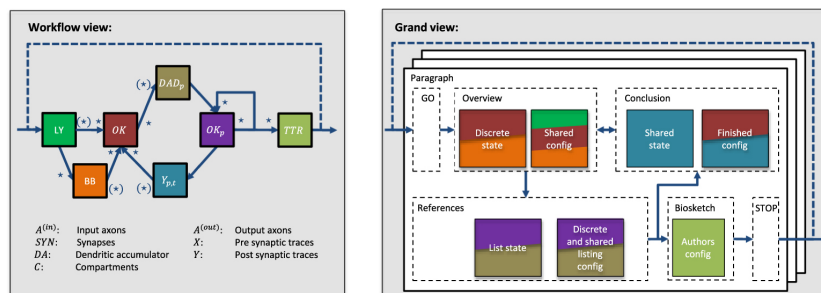


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CONCLUSION

The manuscript should include future directions of the research. Authors are strongly encouraged not to reference multiple figures or tables in the conclusion; these should be referenced in the body of the paper.

ACKNOWLEDGMENTS

The Acknowledgments is always plural even if there is a single acknowledgment. The author(s) would like to thank A, B, and C. This work was supported by XYZ under Grant ###.

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