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Use either SI (MKS) or CGS as primary units. (SI units are strongly encouraged.) The SI unit for magnetic field strength H is A/m.)” An exception is when English units are used as identifiers in trade, such as “3½ in disk drive.” Avoid combining SI and CGS units, such as current in amperes and magnetic field in oersteds. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity in an equation.

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Large figures and tables may span both columns. Place figure captions below the figures; place table titles above the tables. Please do not include captions as part of the figures. Do not put captions in "text boxes" linked to the figures. Do not put borders around the outside of your figures.

Fig. 1. SRM geometry with FEM mesh: 6/6 stator/rotor

For paper in English, use the abbreviation "Fig." even at the beginning of a sentence. Do not abbreviate "Table."

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Fig. 2. Torque characteristics versus rotor position and different current density of exciting current: 6/6 stator/rotor

Tables and figures should be centered. Place table captions above the tables (Table 1) and figure captions below the figures (Figures 1 and 2). Use *Table Title Style* for table caption and use *Figure Captions Style* for figure. Figures and tables may span across both columns (Fig.1). Tables are numbered with Roman numerals (*Table Title style*, 8 pt, centered).

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A. Math

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in (1). If you are using *Word*, use either the Microsoft Equation Editor or

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Table 1. Units for Magnetic Properties

No vertical lines in table. Statements that serve as captions for the entire table do not need footnote letters.

*Gaussian units are the same as cgs 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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$$U = R I \quad (1)$$

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$$\mathbf{U} = \mathbf{Z} \cdot \mathbf{I} \quad (2)$$

$$\int_0^{r_2} F(r, \varphi) dr d\varphi = [\sigma r_2 / (2\mu_0)] \cdot \int_0^\infty \exp(-\lambda |z_j - z_i|) \lambda^{-1} J_1(\lambda r_2) \cdot J_0(\lambda r_i) d\lambda. \quad (3)$$

B. Units

Use either SI (MKS) or CGS as primary units. (SI units are strongly encouraged.) English units may be used as secondary units (in parentheses). **This applies to papers in data storage.** For example, write "15 Gb/cm² (100 Gb/in²)." An exception is when English units are used as identifiers in trade, such as "3½ in disk drive." Avoid combining SI and CGS units, such as current in amperes and magnetic field in oersteds. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity in an equation.

The SI unit for magnetic field strength H is A/m. However, if you wish to use units of T, either refer to magnetic flux density B or magnetic field strength symbolized as $\mu_0 H$. Use the center dot to separate compound units, e.g., “A·m².”

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The preferred spelling of the word “acknowledgment” in American English is without an “e” after the “g.” Use the singular heading even if you have many acknowledgments. Avoid expressions such as “One of us (S.B.A.) would like to thank” Instead, write “F. A. Author thanks” **Sponsor and financial support acknowledgments are placed in the unnumbered footnote on the first page.**

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