Author1, Author2, Author3 et al. Title of the paper. JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY Vol.(No.):1-end Mon. Year

# Journal of Computer Science and Technology: Instruction for Authors

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# Introduction/\*Times New Roman 12pt, Bold\*/

Journal of Computer Science and Technology (JCST) is an international forum for scientists and engineers involved in all aspects of computer science and technology to publish high quality, refereed papers. It is sponsored by Institute of Computing Technology (ICT), Chinese Academy of Sciences (CAS), and China Computer Federation (CCF). The journal is jointly published by Science Press of China and Springer on a bimonthly basis in English. /\*Times New Roman 12pt \*/

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Table 1. /\*Times New Roman 10pt, Bold\*/ Caption of the Table Briefly Explaining the Content of the Table/\*Times New Roman 10pt \*/

Symbol	Quantity	Conversion from Gaussian and CGS EMU to SI <sup>a</sup>
Φ	magnetic flux	$1 \text{ Mx} \rightarrow 10^{-8} \text{ Wb} = 10^{-8} \text{ V} \cdot \text{s}$
В	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 erg/G = 1 emu $\rightarrow 10^{-3} \text{ A} \cdot \text{m}^2 = 10^{-3} \text{ J/T}$
М	magnetization	$1 \operatorname{erg/(G \cdot cm^3)} = 1 \operatorname{emu/cm^3}$ $\rightarrow 10^3 \operatorname{A/m}$
$4\pi M$	magnetization	$1 \text{ G} \to 10^3/(4\pi) \text{ A/m}$
σ	specific magnetization	$1 \text{ erg/}(G \cdot g) = 1 \text{ emu/g} \rightarrow 1 \text{ A} \cdot \text{m}^2/\text{kg}$
j	magnetic dipole moment	1 erg/G = 1 emu → $4\pi \times 10^{-10}$ Wb·m
J	magnetic polarization	$1 \text{ erg/(G·cm}^3) = 1 \text{ emu/cm}^3$ $\rightarrow 4\pi \times 10^{-4} \text{ T}$
χ, κ	susceptibility	$1 \rightarrow 4\pi$
χρ	mass susceptibility	$1 \text{ cm}^3/\text{g} \to 4\pi \times 10^{-3} \text{ m}^3/\text{kg}$
μ	permeability	$1 \to 4\pi \times 10^{-7} \text{ H/m}$ = $4\pi \times 10^{-7} \text{ Wb/(A·m)}$
$\mu_r$	relative permeability	$\mu \rightarrow \mu_r$
w, W	energy density	$1 \text{ erg/cm}^3 \rightarrow 10^{-1} \text{ J/m}^3$
N, $D$	demagnetizing factor	$1 \rightarrow 1/(4\pi)$

Note: You may explain the meaning of some special format, e.g., in bold, and/or give the full names of the abbreviations used in the table whose full names have not presented in the text.

## 2.4 Definitions and Theorems

Definition 1 /\*Times New Roman 12pt, Bold\*/ (Name of the Definition). /\*Times New Roman 12pt\*/. All definitions are numbered using Arabic numerals in the order they are presented in the text. /\*Times New Roman 12pt Italic \*/

Theorem 1. /\*Times New Roman 12pt, Bold\*/ All theorems are numbered using Arabic numerals in the order they are presented in the text.

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#### 2.5 Artwork and Illustrations Guidelines

#### 2.5.1 Electronic Figure Submission

- Supply all figures electronically.
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**Definition 2** (Line Art). *Lines are black and white graphic with no shading.* 

Do not use faint lines and/or lettering and check that all lines and lettering within the figures are legible at final size. All lines should be at least 0.1 mm (0.3 pt) wide. Scanned line drawings and line drawings in bitmap format should have a minimum resolution of 1200 dpi. Vector graphics containing fonts must have the fonts embedded in the files.

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**Definition 3** (Halftone Art). Halftones include photographs, drawings, or paintings with fine shading, etc.

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**Definition 4** (Combination Art). Combination art is combination of halftone and line art, e.g., halftones containing line drawing, extensive lettering, color diagrams, etc. Combination artwork should have a minimum resolution of 600 dpi.

#### 2.5.5 Color Art

If black and white will be shown in the print version, make sure that the main information will still be visible. Many colors are not distinguishable from one another when converted to black and white. A simple way to check this is to make a xerographic copy to see if the necessary distinctions between the different colors are still apparent. If the figures will be printed in black and white, do not refer to color in the captions and the text.

Color illustrations should be submitted as RGB (8 bits per channel).

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To add lettering, it is best to use Helvetica or Arial (sans serif fonts). Keep lettering consistently sized throughout your final-sized artwork, usually about 2~3 mm (8~12 pt).

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Figure parts should be denoted by lowercase

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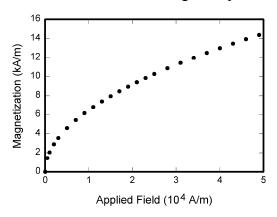


Fig.1. Caption of this figure. /\*Times New Roman 10pt \*/

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