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Preparation of Papers for European Journal of Technique (April 2021)

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| ARTICLE INFO |  | **ABSTRACT** |
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| Keywords:  Power systems  Smart grid  Harmonics  Fourier series  Newton Raphson |  |
| Corresponding author: Name Surname |
| ISSN: 2536-5010 | e-ISSN: 2536-5134 |
| DOI: https://doi.org/10.36222/ejt.123456 |
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*3.1. The toolbar and its menus*

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The ‘Tools’ menu in the Els\_Tools bar does more than just apply a style. It has palettes to insert author footnote symbols, greek symbols, and some common math and chemistry symbols. Using the ‘Insert Equation’ option, you can create equations in the Word® equation editor, or if the MathType™ equation editor is installed on your computer, in the MathType™ equation editor. The ‘Insert Table’ option can be used to insert tables, and the ‘Insert Figure’ option can be used to browse to a chosen directory in your hard disk and insert figures in the desired position.

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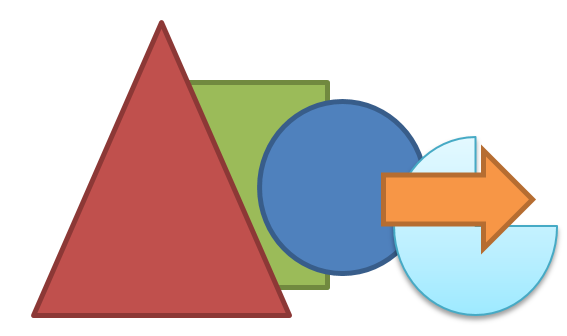
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Figure 1.  European Journal of Technique, European Journal of Technique. European Journal of Technique (Times New Roman 8p)

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*3.1. The toolbar and its menus*

Magnetization as a function of applied field. Note that “Fig.” is abbreviated. There is a period after the figure number, followed by two spaces. It is good practice to explain the significance of the figure in the caption.

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1. **EXPERIMENTS (Helvetica 10p Bold)**

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Table I (8p)

Units for Magnetic Properties (8p)

|  |  |  |
| --- | --- | --- |
| Symbol | Quantity (8p) | Gaussian and  CGS EMU to SI a |
| Φ | magnetic flux (8p) | 1 Mx → 10−8 Wb = 10−8 V·s |
| *B* | magnetic flux | 1 G → 10−4 T = 10−4 Wb/m2 |
| *H* | magnetic field | 1 Oe → 103/(4π) A/m |
| *m* | magnetic moment | 1 erg/G = 1 emu  → 10−3 A·m2 = 10−3 J/T |
| *M* | magnetization | 1 erg/(G·cm3) = 1 emu/cm3  → 103 A/m |
| 4π*M* | magnetization | 1 G → 103/(4π) A/m |
| σ | specific magnetization | 1 erg/(G·g) = 1 emu/g → 1 A·m2/kg |
| *j* | magnetic dipole | 1 erg/G = 1 emu |
| *J* | magnetic polarization | 1 erg/(G·cm3) = 1 emu/cm3  → 4π × 10−4 T |
| χ*,* κ | susceptibility | 1 → 4π |
| χρ | mass susceptibility | 1 cm3/g → 4π × 10−3 m3/kg |
| μ | permeability | 1 → 4π × 10−7 H/m  = 4π × 10−7 Wb/(A·m) |
| μr | relative permeability | μ → μr |
| *w, W* | energy density | 1 erg/cm3 → 10−1 J/m3 |
| *N, D* | demagnetizing factor | 1 → 1/(4π) |

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**APPANDIX**

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**ACKNOWLEDGEMENT**

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BIOGRAPHIES (Helvetica 10p Bold)

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