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N O M E N C L A T U R E (FONT SIZE 12)

If necessary, a list of notations and used symbols must be given here, before the INTRODUCTION, together with their measuring units, in alphabetical order. Proper acknowledgments are usually made after the Conclusions.

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The title of each section is a first-order header and must be numbered with arabic numerals, aligned to the left in bold upper-case letters. Spacings of 6 pt before and 12 pt after the text must be given.

The text of the entire manuscript must be typed in single-line spacing, but double spacing must be given between paragraphs. The page format should be A4 (210 mm × 297 mm), in the “portrait” orientation mode, divided in two columns with narrow margin. The font must be Times New Roman, with size 12 in the main title and size 10 in the secondary title (second language); size 10 must also be given in the first-, second- and third-order headers, and also in the text; size 8 must be given in the authors' reference notes below the titles.

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**Figure 1 - Polyampholyte molecular composition prepared by random, free-radical polymerization. (Bold, size 10)**

*[If necessary, the figure may be inserted in a single column, provided a continuous section break is given. See example below]*



**Figure 1 – Digital structure of a hybrid velocity/position fuzzy-PID controller.**

**3. TABLES**

Tables and/or charts must be adapted or adjusted to the page window and must be shown after and as close as possible from the point where they are cited in the text. Their captions must be aligned to the left just before the table itself with single spaces before and after the text, and must be typed as: **Table 1 – Caption of the table, with a final dot.** All tables must be cited in the text, as in the example: “The results of the experimental planning are shown in Table 1.” The measuring units of all parameters discussed in the work must be clearly declared, preferably in the International System format. It is recommended that a slash (/) be used to separate the name of the parameter and its corresponding unit whenever possible (see example on the table below; this format may also be used in the captions of graph axes). The cells in the first or main line of the table must be filled in black and the text must be written in white letters. The cells in all other lines must be filled with a 15 % shade of grey (see examples here).

**Table 1 – Fuzzy rules for controllers Fuzzy-PI and Fuzzy-PID.**

|  |
| --- |
| **Fuzzy-PI controller** |
| **Δe(k)|e(k)** | **NL** | **NM** | **NS** | **ZR** | **PS** | **PM** | **PL** |
| **PL** | **ZR** | PS | PM | PL | PL | PL | PL |
| **PM** | NS | **ZR** | PS | PM | PL | PL | PL |
| **PS** | NM | NS | **ZR** | PS | PM | PL | PL |
| **ZR** | NL | NM | NS | **ZR** | PS | PM | PL |
| **NS** | NL | NL | NM | NS | **ZR** | PS | PM |
| **NM** | NL | NL | NL | NM | NS | **ZR** | PS |
| **NL** | NL | NL | NL | NL | NM | NS | **ZR** |

*[If necessary, one could highlight any data in the table (see example above). The table can also be inserted in a single column, provided a continuous section break is given (see example below).]*

**Table 1 - Fiber Quality Analysis.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Parameter | Mean length / mm | Mean width / µm | Fines / % | Vessel / # | Vessel length / mm | Vessel width / µm |
| Arithmetic average | 0.719 | 16.43 | 0.689 | 6.5 | 0.533 | 133.48 |
| Standard deviation | 0.006 | 0.096 | 0.059 | 2.082 | 0.032 | 9.194 |

Note: The number of fibers counted was 3000. The fine fraction was classified as such if the fibrous elements had an effective dimension between 0.05 and 0.2 mm. (Table notes must be given in Font Size 9 and aligned to the left)

**4. EQUATIONS**

All equations must be typed in italics after a 0-cm tabulation from the left margin of the column, with a consecutive numbering in arabic numerals between parentheses aligned to the left of the corresponding column. It is recommended that Microsoft® Equation 3.0 be used, particularly because the manuscript file should be prepared in the DOCX format. All equations must be cited in the text, according to the example: “Replacement of Equation 1 on Equation 3 gives Equation 5 ...”. If any equation is written in more than one line, the corresponding number must be given on the last line, also between parentheses and aligned to the left of the corresponding column. See example below.

 (1)

where *X* is the moisture content, [kg H2O/ kg dry mass], *t* is time, [s], and *D*eff is the effective diffusivity, [m2 s−1].

**5. SUPPLEMENTARY MATERIAL**

*Manuscripts Including NMR, IR, Mass Spectra, etc.* Whenever a compound is synthesized or identified (new or already known), it is imperative that spectral data (data and spectra) as Supplementary Material is submitted along with the manuscript. Supplementary Material. This resource was created so that the main text of the manuscript would contain only the strictly necessary figures and tables. Contents for Supplementary Material should be placed at the end of the manuscript, after the References section. Whenever the Supplementary Material is present, a section named Supplementary Material, describing its content, should be created in the main text of the manuscript right after Conclusions. The text should also indicate the free access to the Supplementary Material at jCEC website. Graphical elements and tables for Supplementary Material should be sequentially numbered as in the following examples: Figure 1S, Figure 2S, Table 1S, Table 2S. The Supplementary Material is a separate document. If references are used, they should be listed at the end of the Supplementary Material and numbered as 1S, 2S, etc. Editors, at any time of the editing process, may ask authors to remove portion(s) of the manuscript and include it in the Supplementary Material.

R E F E R E N C E S

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**ARTICLES IN PERIODICALS:**

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NARDELLI, A. M. B.; GRIFFITH, J. J. Theoretical model for understanding corporate environmentalism in the Brazilian forestry sector. **Rev. Árvore**, Viçosa, MG, v. 27, n. 6, p. 855-869, Nov./Dec. 2003. Available at: <http://www.scielo.br/pdf/rarv/v27n6/a12v27n6.pdf>. Accessed on October 11th, 2004.

**DISSERTATIONS AND THESES:**

CARMO, F. M. S. Estudo de polimorfismo do gene candidato, o fator miogênico-5 (myf -5), em suínos. 2003. 69 f. Tese (Doutorado em Zootecnia) - Universidade Federal de Viçosa, Viçosa, MG, 2003.

SANTOS, M. L. Crescimento e alocação de biomassa e de nutrientes em eucalipto, decorrentes da aplicação de nitrogênio e potássio. 2001. 62 f. Dissertação (Mestrado em Ciências do Solo) - Universidade Federal de Viçosa, Viçosa, MG, 2001.

CARNEIRO, N. M. Q. Procedimentos básicos para o planejamento de uma indústria de biscoitos, enfocando a legislação sanitária de alimentos do estado de Minas Gerais. 2004. 90 f. Monografia (Especialização em Nutrição e Saúde) - Universidade Federal de Viçosa, Viçosa, MG, 2004.

**WORKS IN PROCEEDINGS OF SCIENTIFIC EVENTS:**

ORLANDO SOBRINHO, J.; SILVA, L. E. Resposta à calagem. In: SEMINÁRIO SOBRE CORRETIVOS AGRÍCOLAS, 2., 1985, Campinas. Anais... Campinas: Fundação Cargill, 1985. p. 123-157.

**ELECTRONIC REFERENCES:**

FAINTUCH, J. Nutrição parenteral. São Paulo: CAD, 2001. Available at: <http://www.fugesp.org.Br/nutriesaude3-4htm>. Accessed on September 3rd, 2001.

**BOOKS:**

HUBERMAN, L. História da riqueza do homem. 21st ed., Rio de Janeiro: LTC, 1986.

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* Is the abstract intelligible?
* Does the abstract accurately describe the objectives and results obtained?
* Does the abstract include data not presented in the paper?
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* Did the authors indicate why the study was undertaken?
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* Were the methods described in sufficient detail for others to repeat or extend the study?
* If standard methods were used, were adequate references given?
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* Have the authors indicated the reasons why particular procedures were used?
* Have the authors indicated clearly the potential problems with the methods used?
* Have the authors indicated the limitations of the methods used?
* Have the authors specified the statistical procedures used?
* Are the statistical methods used appropriate?

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