The Title of Elbert Walker's Article Style

Elbert Walker

The Date

Abstract

Replace this text with your own abstract.

1 About This Shell

This shell document provides a sample layout of a document style created for Elbert Walker, the renowned Abelian group theorist, statistician and curmudgeon.

The front matter has a number of sample entries that you should replace with your own. Replace this text with your own.

Changes to the typeset format of this shell and its associated LaTeX formatting files (`article.cls` and `sw20elba.sty`) are not supported by MacKichan Software, Inc. If you wish to make such changes, please consult the LaTeX manuals or a local LaTeX expert.

If you modify this document and export it as "Elbert Walker's.shl" in the `Shells\Articles\SW` directory, it will become your new Elbert Walker's shell.

The typesetting specification selected by this shell document uses the default class options, except that 12pt has been selected for the body text font size. There are a number of class options supported by this typesetting specification. The available options include setting the paper size and the point size of the font used in the body of the document. Select Typeset, Options and Packages, the Class Options tab and then click the Modify button to see the class options that are available for this typesetting specification.

2 Features of This Shell

2.1 Subsection

Use the Section tag for major sections, and the Subsection tag for subsections.

2.1.1 Subsubsection

Subsubsubsection

Subsubsubsubsection You can apply the logical markup tag *Emphasized*.

You can apply the visual markup tags **Bold**, *Italics*, Roman, Sans Serif, *Slanted*, Small Caps, and `Typewriter`.

You can apply the special, mathematics only, tags $\mathbb{BLACKBOARD\ BOLD}$, $\mathcal{CALLIGRAPHIC}$, and $\mathfrak{fraktur}$. Note that blackboard bold and calligraphic are correct only when applied to uppercase letters A through Z.

You can apply the size tags tiny, scriptsize, footnotesize, small, normalsize, large, Large, LARGE, huge and Huge.

This is a Body Math paragraph. Each time you press the Enter key, Scientific WorkPlace switches to mathematics mode. This is convenient for carrying out "scratchpad" computations.

3 Mathematics and Text

Let H be a Hilbert space, C be a closed bounded convex subset of H, T a nonexpansive self map of C. Suppose that as $n \to \infty$, $a_{n,k} \to 0$ for each k, and $\gamma_n = \sum_{k=0}^{\infty} (a_{n,k+1} - a_{n,k})^+ \to 0$. Then for each x in C, $A_n x = \sum_{k=0}^{\infty} a_{n,k} T^k x$ converges weakly to a fixed point of T .

The numbered equation

$$u_{tt} - \Delta u + u^5 + u\,|u|^{p-2} = 0 \text{ in } \mathbf{R}^3 \times [0, \infty[\tag{1}$$

is automatically numbered as equation 1.

4 List Environments

You can create numbered, bulleted, and description lists using the Item Tag popup list on the Tag toolbar.

1. List item 1
2. List item 2
   (a) A list item under a list item.
   The typeset style for this level is different than the screen style. The screen shows a lower case alphabetic character followed by a period while the typeset style uses a lower case alphabetic character surrounded by parentheses.

(b) Just another list item under a list item.

i. Third level list item under a list item.

A. Fourth and final level of list items allowed.

- Bullet item 1
- Bullet item 2
  - Second level bullet item.
    - Third level bullet item.
      - Fourth (and final) level bullet item.

Description List Each description list item has a term followed by the description of that term. Double click the term box to enter the term, or to change it.

Bunyip Mythical beast of Australian Aboriginal legends.

5 Theorem Environments

The following theorem-like environments (in alphabetical order) are available in this style.

Acknowledgement 1 *This is an acknowledgement*

Algorithm 2 *This is an algorithm*

Axiom 3 *This is an axiom*

Case 4 *This is a case*

Claim 5 *This is a claim*

Conclusion 6 *This is a conclusion*

Condition 7 *This is a condition*

Conjecture 8 *This is a conjecture*

Corollary 9 *This is a corollary*

Criterion 10 *This is a criterion*

Definition 11 *This is a definition*

Example 12 *This is an example*

Exercise 13 *This is an exercise*

Lemma 14 *This is a lemma*

Proof. This is the proof of the lemma. ■

Notation 15 *This is notation*

Problem 16 *This is a problem*

Proposition 17 *This is a proposition*

Remark 18 *This is a remark*

Solution 19 *This is a solution*

Summary 20 *This is a summary*

Theorem 21 *This is a theorem*

Proof of the Main Theorem. This is the proof. Here we cite [2] and [1] as well as [3]. ■

References

[1] **Appleyard, B.** 7 jul 1995. The Independent :21.

[2] **Maki, J. M.** 1964. *Court and Constitution in Japan: Selected Supreme Court Decisions, 1948-1960.* Washington University Press.

[3] **Patashnik, O.** 1988. Ctan document.