

# Help Topic Title - Heading 1

## Section Heading - Heading 2

This is the Help Document Version 3.0 shell document. This shell uses the style file `Help.cst`. Replace this text with your own.

If you modify this document and export it as "Help Document Version 3.0.shl" in the `Shells\Other Documents` directory, it will become your new Help Document Version 3.0 shell.

### Heading 3

To create a heading, type the text of the heading as a separate paragraph, and then with the insertion point in the paragraph, choose from Heading 1 through Heading 5 from the Section/Body Tag popup list on the Tag toolbar.

### Heading 4

To center a paragraph, place the insertion point within the paragraph and choose Centered from the Section/Body Tag popup list on the Tag toolbar.

To set text off like this, type the text, then choose Long Quotation from the Section/Body Tag popup list on the Tag toolbar.

This is preformatted text

Spaces and line breaks are maintained within preformatted text

Use this to enter fragments of programs

### Heading 5

You can apply the logical markup tag *Emphasized*, or *Strongly Emphasized*.

You can apply the visual markup tags **Bold**, *Italics*, **Keyboard Input**, **Sample Text**, and `Typed code`.

You can apply the size tags `Smaller`, and **Bigger**.

## 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  $n \rightarrow \infty$ ,  $a_{n,k} \rightarrow 0$  for each  $k$ , and  $\gamma_n = \sum_{k=0}^{\infty} (a_{n,k+1} - a_{n,k})^+ \rightarrow 0$ . 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

$$u_{tt} - \Delta u + u^5 + u|u|^{p-2} = 0 \text{ in } \mathbf{R}^3 \times [0, \infty[ \quad , 2.1$$

Numbered equations must be managed manually.

## 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.

This second paragraph under the same list item was created by typing **Backspace** at the very beginning of the paragraph. 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.

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

Following is a sample help topic. The hyperlinks will not work, but you can see the visual appearance of the hyperlinks. Also, [INDEX] below is replaced with a graphics.

## Applying Tags

You can apply item, body, text and section **tags** using the popup lists on the **Tag toolbar**, the **Function key** assignments or the **Apply** command.

If you make a selection before you choose a tag, the tag is applied to the selection. Otherwise, the tag is applied to the next text or mathematics you enter.

### ▶ **To apply a tag with the Apply command**

1. From the Tag menu, choose **Apply**.
2. Choose the tag you want from the **Apply Tag** dialog box.  
The list of tags in the dialog box may be more extensive than the popup lists on the Tag toolbar.
3. Choose **OK**.

### ▶ **To apply a tag from the Tag popup lists**

1. Click the popup list box for the type of tag you want.
2. From the list, choose the tag you want to apply.

### ▶ **To apply a tag with the function keys**

- Press the function key assigned to the tag you want.

## Related topics

- [Body tags](#)
- [Item tags](#)
- [Section tags](#)
- [Text tags](#)

[INDEX][Applying tags](#), [Function keys](#), [Tag menu commands](#), [Tags](#)