Positioning Tables and Figures

March 29, 2016

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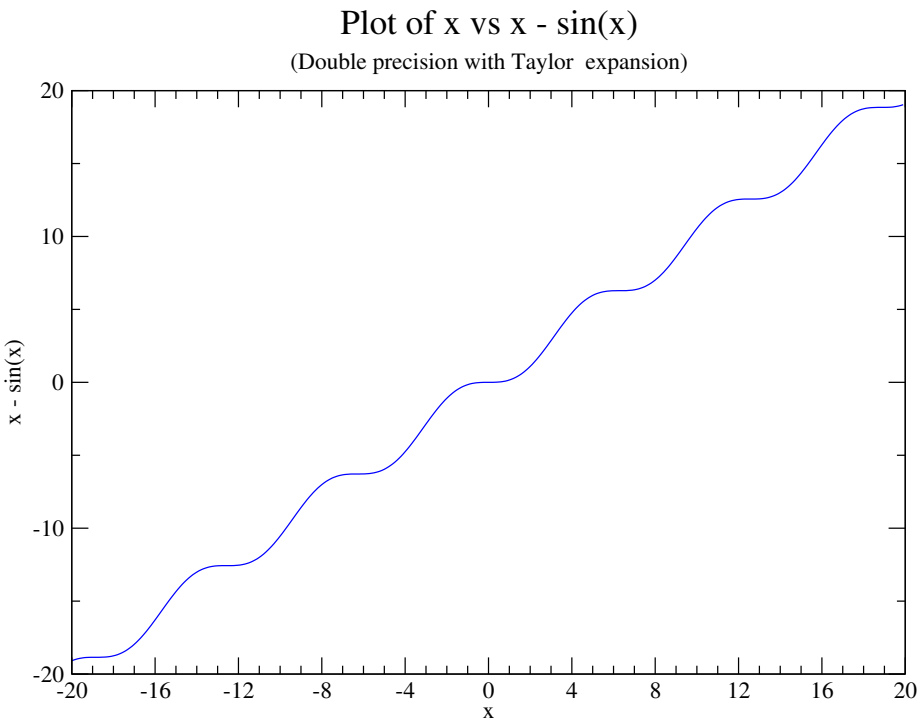
1 Positioning images

This is a sample text.


Plot of x vs x - sin(x)
(Double precision with Taylor expansion)
x - sin(x)
x
20
10
0
-10
-20
-20
-16
-12
-8
-4
0
4
8
12
16
20

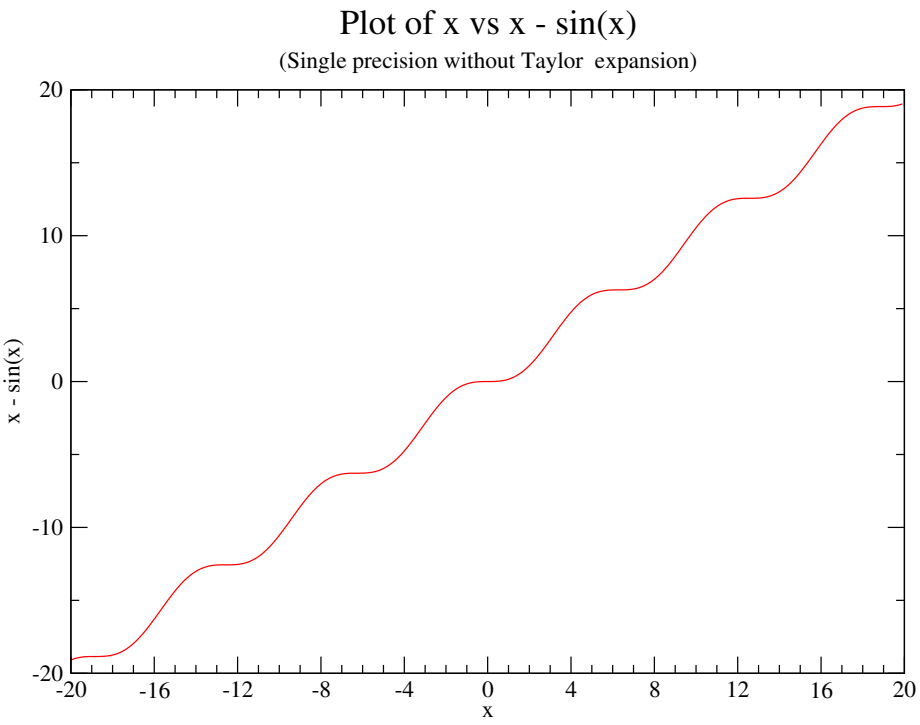


Figure 1: fig.2

2 Multiple images in one figure

.

3 Wrapping text around a figure

The package wrapfig provides a useful feature, text can be floated around the images.

```
First import the package wrapfig by adding  \usepackage{wrapfig} to the preamble.

After that you can use the environment <code>wrapfig,
it takes two parameters that are passed inside braces:
the alignement that can be l, r, c, i or o;
this letters stand for left, right, centre, inner and outer
(the last two intended for two-sided documents).
The second parameter is the width of the figure, in the example
is 0.25 the width of the text. See the reference guide for a list of possible length units.
```

4 Referencing

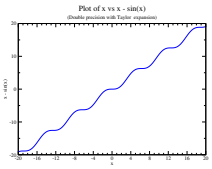
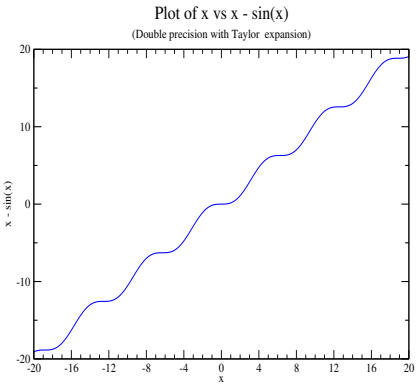
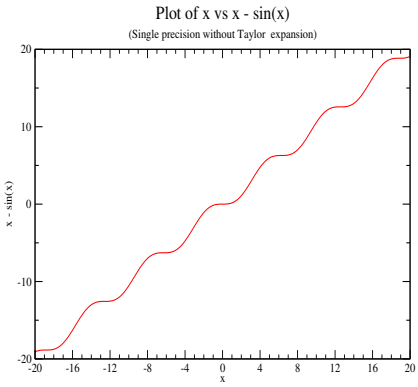


Figure 5: Single precision

We can reference images, for instance, the image 5 shows single precision graph.

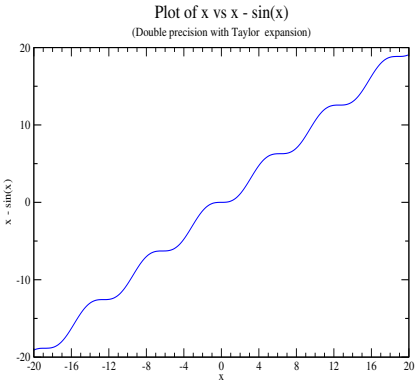


(a) Single Precision



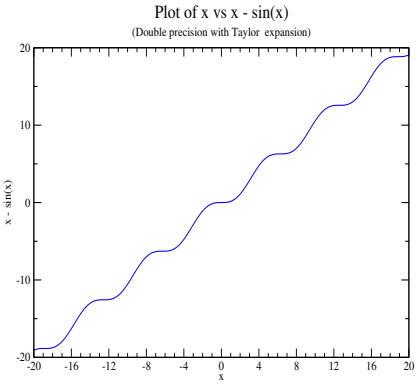
(b) Double precision

Figure 2: Caption for this figure with two images



(a) Double precision

Figure 3: Caption for this figure with two images



(a) Double precision

Figure 4: Caption for this figure with two images

5 Math references

As mentioned in section 4, different elements can be referenced within a document

5.1 powers series

$$\sum_{i=0}^{\infty} a_i x^i \tag{1}$$

5.2 example of reference

The equation (1) is a typical power series.