

Using Octave with Pweave

You can also use Pweave to publish reports using GNU Octave or Matlab. The was released with Pweave 0.23.

Features:

- Inline code and noweb style chunks
- Capturing of figures

Limitations

- No terminal chunks
- Only one figure/chunk

You can use inline code chunks like in Python documents:

Give y value 300 in hidden chunk.

And let's verify that it worked:

y

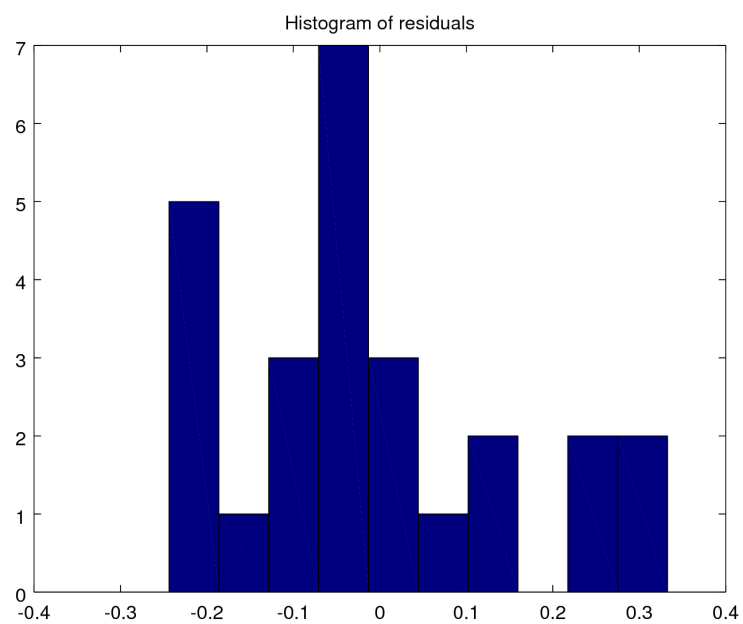
y = 300

You can also display the result from inline chunk $2+5=7$

Solving least squares

and trying out plotting features:

```
x = (0:25) + randn(1, 26);
y = linspace(0, 5, length(x));
a = x' \ y'
plot(x , y, 'o')
hold on
plot(x, a*x, 'r')
hold off
figure()
hist(a*x - y)
title('Histogram of residuals')
a = 0.19876
```



And include a plot but hide the code:

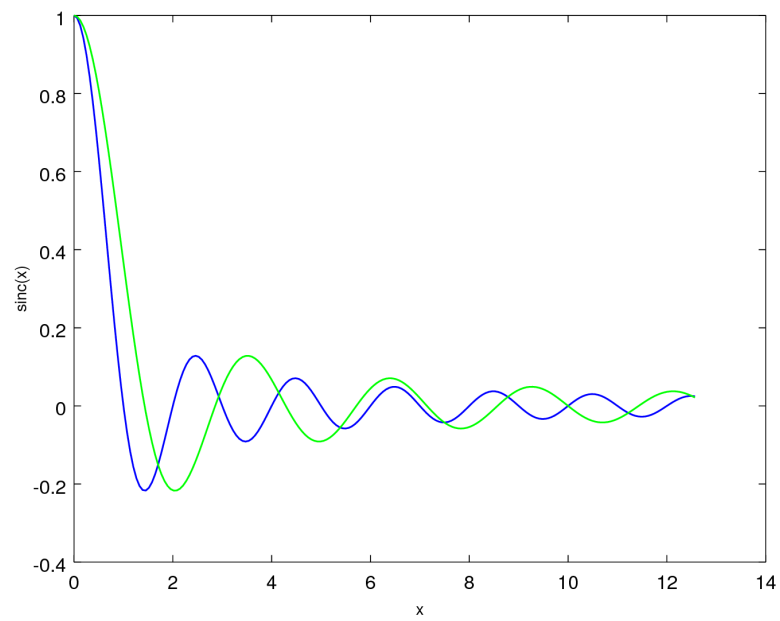


Figure 1: Sinc function