Latex test 1

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Test 1 Latex Overleaf

Abstract

The results for task 5 which deals with Python components.

1 Question 1

Here should be your answer etc. etc. $B = \frac{1}{\pi\sqrt{a}}[0 + x_e.\sqrt{a}\sqrt{\pi}\sqrt{\pi} - 0]$
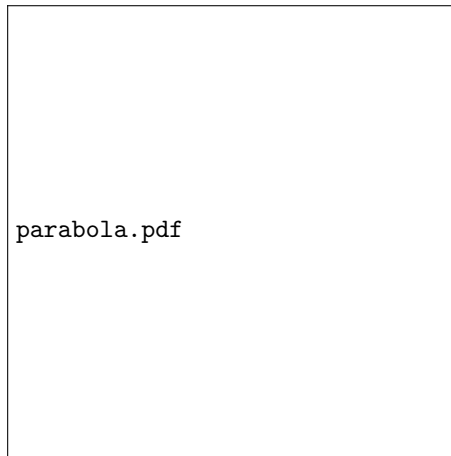

Figure 1: *Example of a gaussian shaped source with fitted ellipse. The ellipse follows the contour for which the pixel values are half the maximum value. It has a major axis and a minor axis. The angle between the major axis and the x axis is the rotation angle θ of the ellipse. The position angle φ is equal to $90^o + \theta$.*

```python
#!/usr/bin/env python
import numpy
import pyplot

x = numpy.arange( 3,15, dtype='f')
y = 2.0 * x + 3.0

pyplot.plot(x,y)
pyplot.savefig( 'plot.v1.png' )
pyplot.show()
```
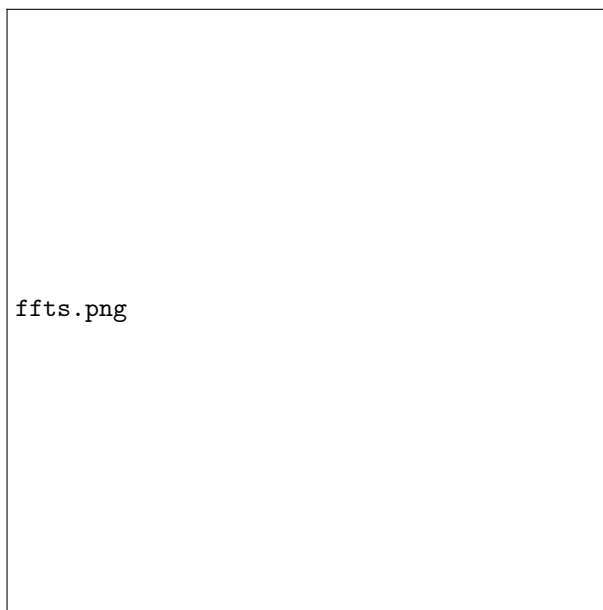
Figure 2: *Fast Fourier transforms*