

```
/usr/bin/env python
2  ### -*- coding: cp1252 -*-
3  """
4  Enregistrement du spectre du sodium
5  """
6  from __future__ import division
7  from scipy import *
8  from pylab import *
9
10 lamb1 = 589e-9 # longueur d'onde
11
12 lamb2 = 589.6e-9
13 emin = 0
14 emax = 200e-6
15
16 def l1(e):
17     return 1+cos(4*pi*e/lamb1)
18 def l2(e):
19     return 1+cos(4*pi*e/lamb2)
20
21 Npt = 10000
22 e = linspace(emin, emax, Npt)
23 I = l1(e)+l2(e)
24
25 plot(e*1e6, I)
26 xlabel(ur"$e$ en $\mu$m")
27 ylabel(ur"Intensité")
28 title(ur"Interférogramme")
29
30 show()
```

