Untitled-2-jvsc-06419954-e762-45f8-a35c-d5dd27abbd76431aa660-94e7-4f2c-8ad7-aa0ba89ea6fb

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```python
from ipyleaflet import Map, Marker

center = (52.204793, 360.121558)

m = Map(center=center, zoom=15)

marker = Marker(location=center, draggable=True)
m.add_layer(marker);

display(m)
```

```
Map(center=[52.204793, 360.121558], controls=(ZoomControl(options=['position',␣
 ↪'zoom_in_text', 'zoom_in_title'…
```

```python
import k3d
import numpy as np
from numpy import sin,cos,pi
from ipywidgets import interact, interactive, fixed
import ipywidgets as widgets
import time
import math

plot = k3d.plot()

plot.camera_auto_fit = False

T = 1.618033988749895
r = 4.77
zmin,zmax = -r,r
xmin,xmax = -r,r
ymin,ymax = -r,r
Nx,Ny,Nz = 77,77,77

x = np.linspace(xmin,xmax,Nx)
y = np.linspace(ymin,ymax,Ny)
z = np.linspace(zmin,zmax,Nz)
```

```
x,y,z = np.meshgrid(x,y,z,indexing='ij')
p = 2 - (cos(x + T*y) + cos(x - T*y) + cos(y + T*z) + cos(y - T*z) + cos(z -␣
 ↪T*x) + cos(z + T*x))
iso = k3d.marching_cubes(p.astype(np.
 ↪float32),xmin=xmin,xmax=xmax,ymin=ymin,ymax=ymax, zmin=zmin, zmax=zmax,␣
 ↪level=0.0)
plot += iso

plot.display()
```

Output()

```
[ ]: import numpy as np
     from bqplot import pyplot as plt

     # And creating some random data
     size = 100
     np.random.seed(0)
     x_data = np.arange(size)
     y_data = np.cumsum(np.random.randn(size)  * 100.0)
     plt.figure(title='My First Plot')
     plt.plot(x_data, y_data)
     plt.show()
```

VBox(children=(Figure(axes=[Axis(scale=LinearScale()),␣
 ↪Axis(orientation='vertical', scale=LinearScale())], fig…