

File in NumpyFiles directory

Bead

PAPER_BEAD_G_100.npy

G

PAPER_BEAD_K_100.npy

K

Example Python code to read these npy files:

```
import numpy as np
import matplotlib.pyplot as plt
```

```
dsn='PAPER_BEAD_G_100.npy'
with open(dsn,'rb') as f:
    massv = np.load(f)
    BasisVectors = np.load(f)
```

```
# plot the first basis vector
```

```
plt.plot(massv, BasisVectors[0,:])
plt.show()
```

Format

mass vectors (m/z values) and top 100 basis vectors for the G bead.

mass vectors (m/z values) and top 100 basis vectors for the K bead.