

Exercice 3.3.6 - Solution :

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

n = 8
X = [ i+2 if (i%2==0) else i+1 for i in range(n)]
print(X)

Y = [ X[i] if (i%2==0) else X[i]+2 for i in range(len(X)) ]

plt.figure()
plt.plot(X, Y, c='red', alpha=1.0)

plt.xticks(np.arange(16))
plt.yticks(np.arange(16))

plt.grid()
plt.show()
```