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# Rotating a diamond

1分

The variable `diamond` contains coordinates for the vertices of a diamond, as a  $(2, n)$  array.

You are given an array `angles` of shape  $(m,)$  that contains angles (in radians) about which you should rotate the diamond.

Create an array `rotated_diamonds` of shape  $(m, 2, n)$  that contains each diamond, rotated by the corresponding entry of `angles`.

Plot each rotated diamond.

*Hint:* numpy contains `sin` and `cos`.

[评分代码 \(点击查看\)](#)[起始代码 \(点击查看\)](#)

回答\*

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

按F9以打开/关闭全屏模式. 在 用户信息 (/profile/) 中设置编辑器模式.

保存回答

提交用于评分的回答

(您仍然可以在提交本问题后修改回答)