

```
1 def taylor(deriv, x, y, xAlto, h):
2     X = []
3     Y = []
4     X.append(x)
5     Y.append(y)
6
7     while x < xAlto:
8         h = min(h, xAlto - x)
9         D = deriv(x, y)
10        H = 1.0
11        for j in range(4):
12            H = H*h / (j+1)
13            y = y + D[j]*H
14            x = x + h
15            X.append(x)
16            Y.append(y)
17
18    return array(X), array(Y)
```

texto

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