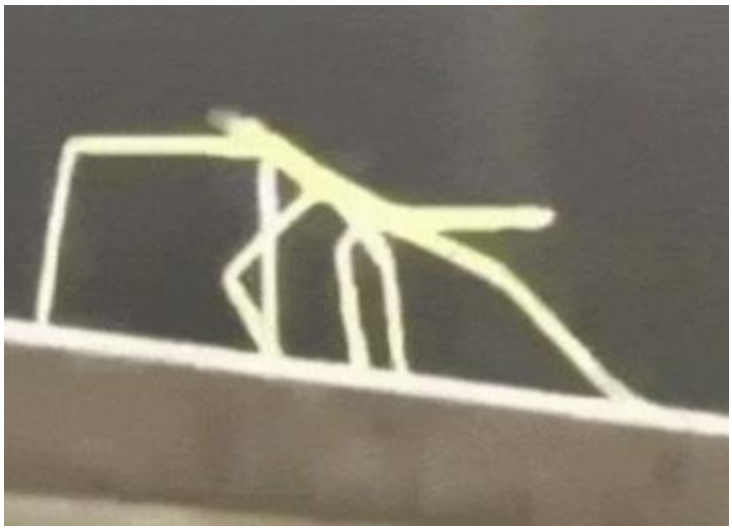
Obrazek:



```
SHA-256:
stare:  69b842703e54a7c5264a41d899e7bd08b9f5de5921a7faf0de372bb2edf47d96
nowe:  5431f893244e27f1790329d756add6a9ef37f89a6bc4f5ed73b4031834824d41
```

```
MD5:
stare:  748ee6869e62fc89fabe9c9a6d1a4710
nowe:  5230b4217da2f3baf66f70240e605275
```

```python
import hashlib

m1 = hashlib.sha256()
m2 = hashlib.sha256()

with open("stickbug.bmp", "rb") as f:
    img1 = f.read()

img2 = bytearray(img1)
img2[0] = img2[0] ^ 1

m1.update(img1)
m2.update(img2)

md51 = hashlib.md5(img1)
md52 = hashlib.md5(img2)

print("SHA-256:")
print("stare: ", m1.hexdigest())
print("nowe: ", m2.hexdigest())

print(len(img1))
print(len(img2))

for i in range(0, len(img1)):
    if img1[i] != img2[i]:
        print(img1[i],img2[i])

print("MD5:")
print("stare: ", md51.hexdigest())
print("nowe: ", md52.hexdigest())
```