

HORIZON ACQUISITION EXPERIMENT



WHAT?



WHAT?

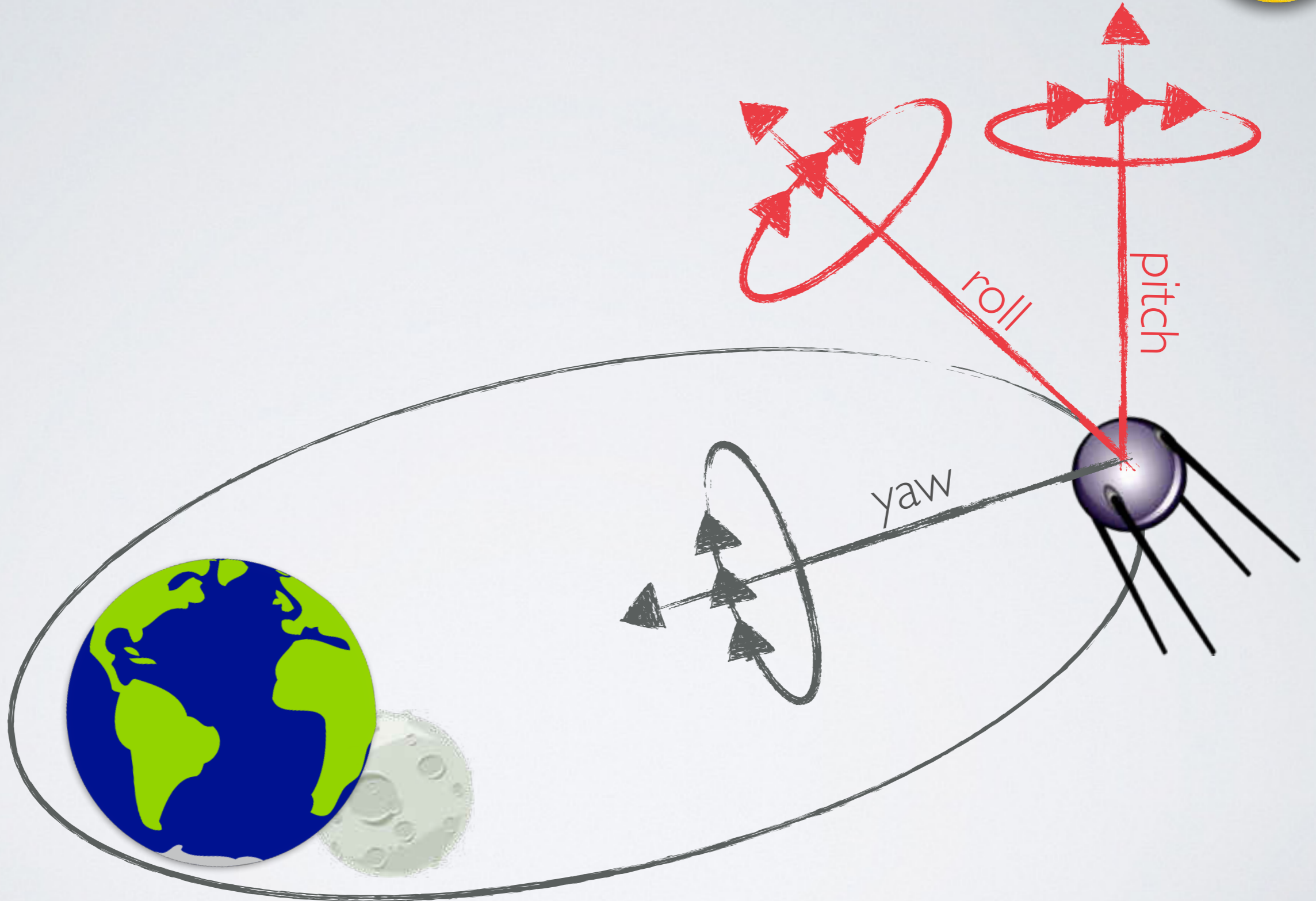


[MatrixVision]

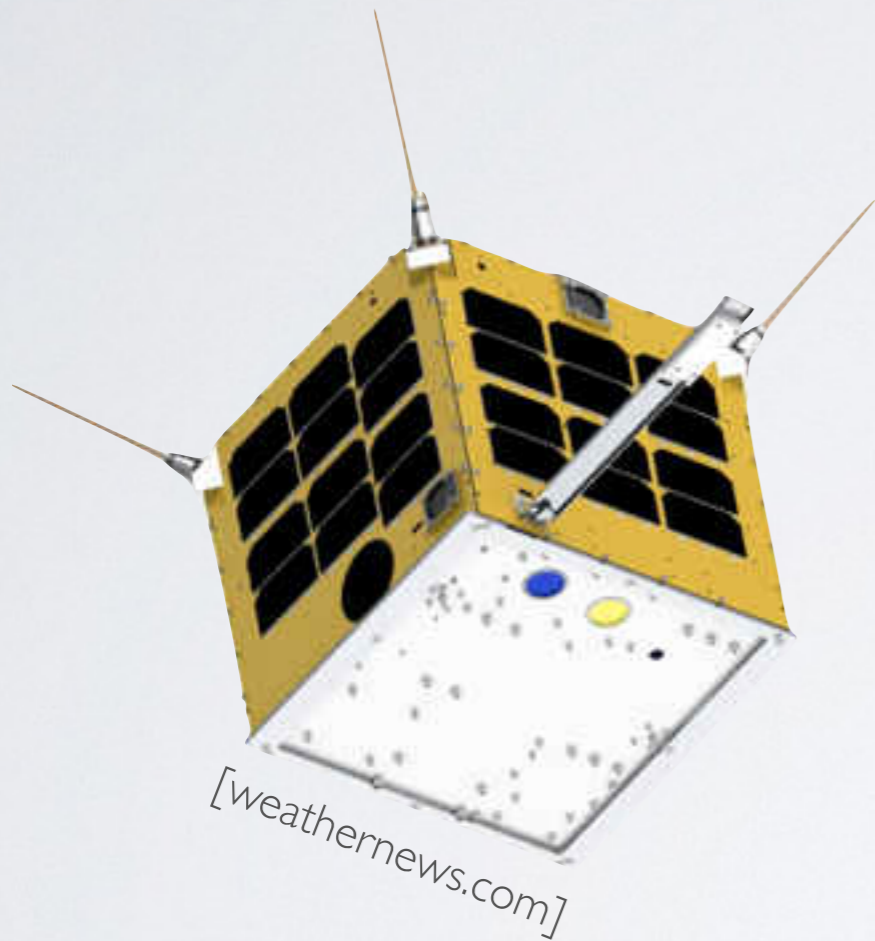


[Data-Modul.com]

WHAT?



WHY?



WHO?



J.BARF

T.RAPP

S.GEIGER

A.SCHARF

F.WOLZ

M.BERGMANN

HOW?



[Team EXPLORE]

HOW?



Data Storage



Core System



Camera



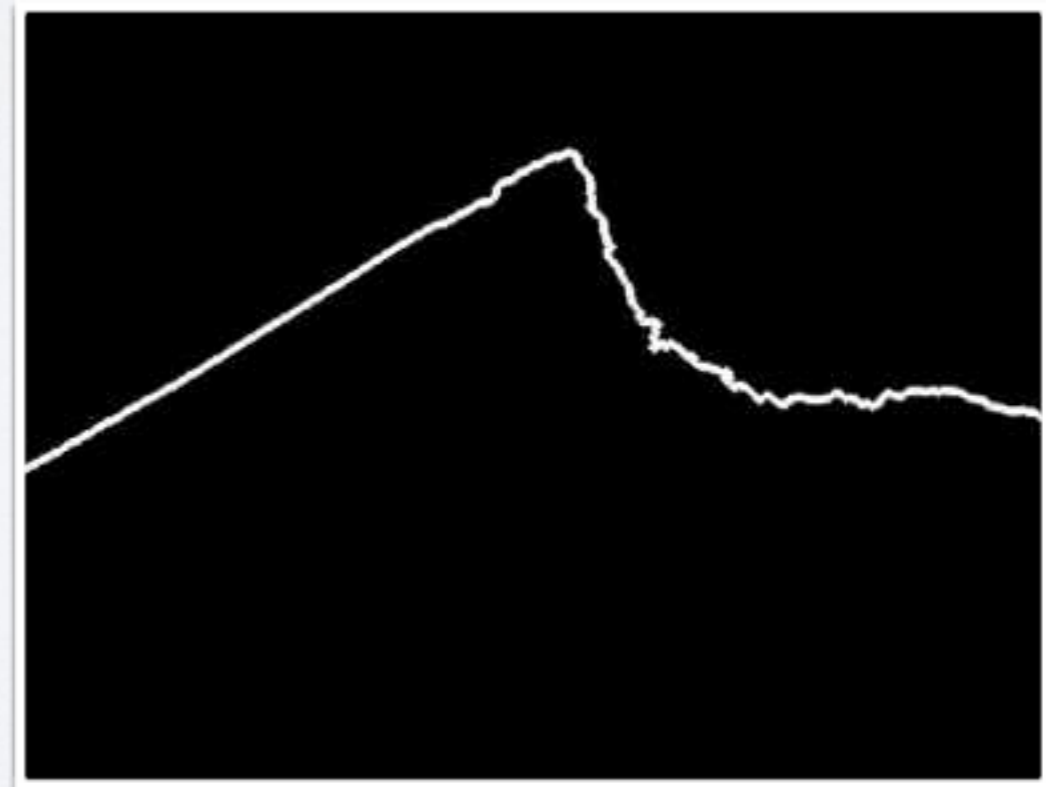
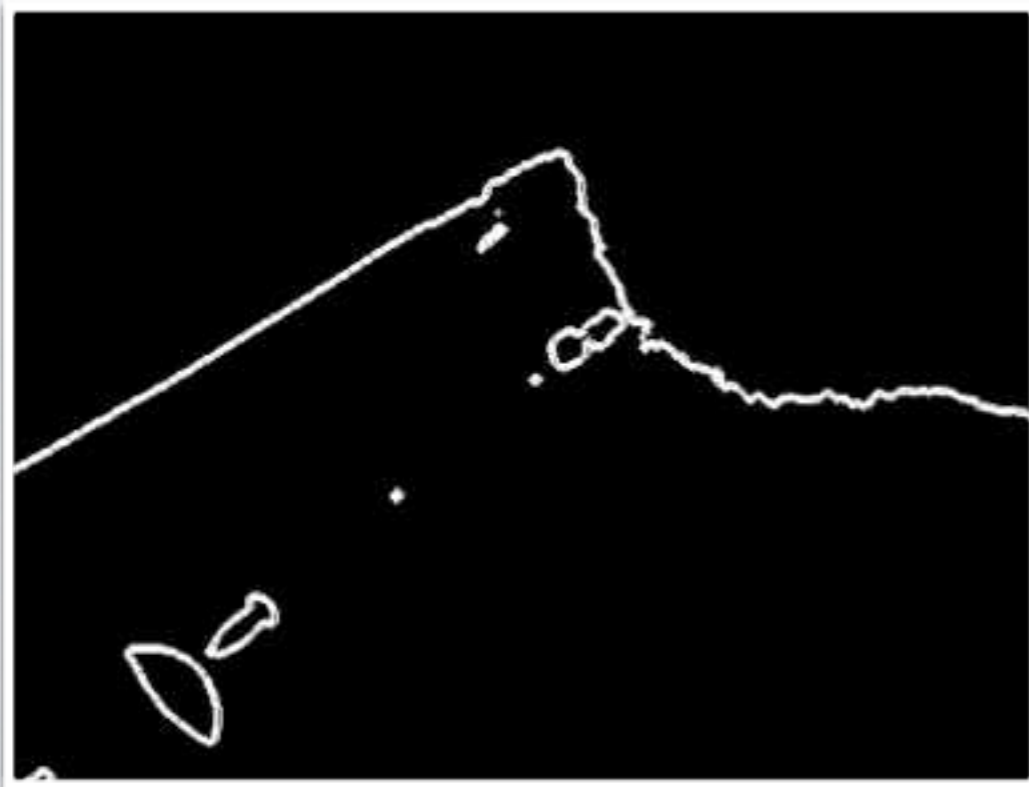
Data Storage

Measurement Unit

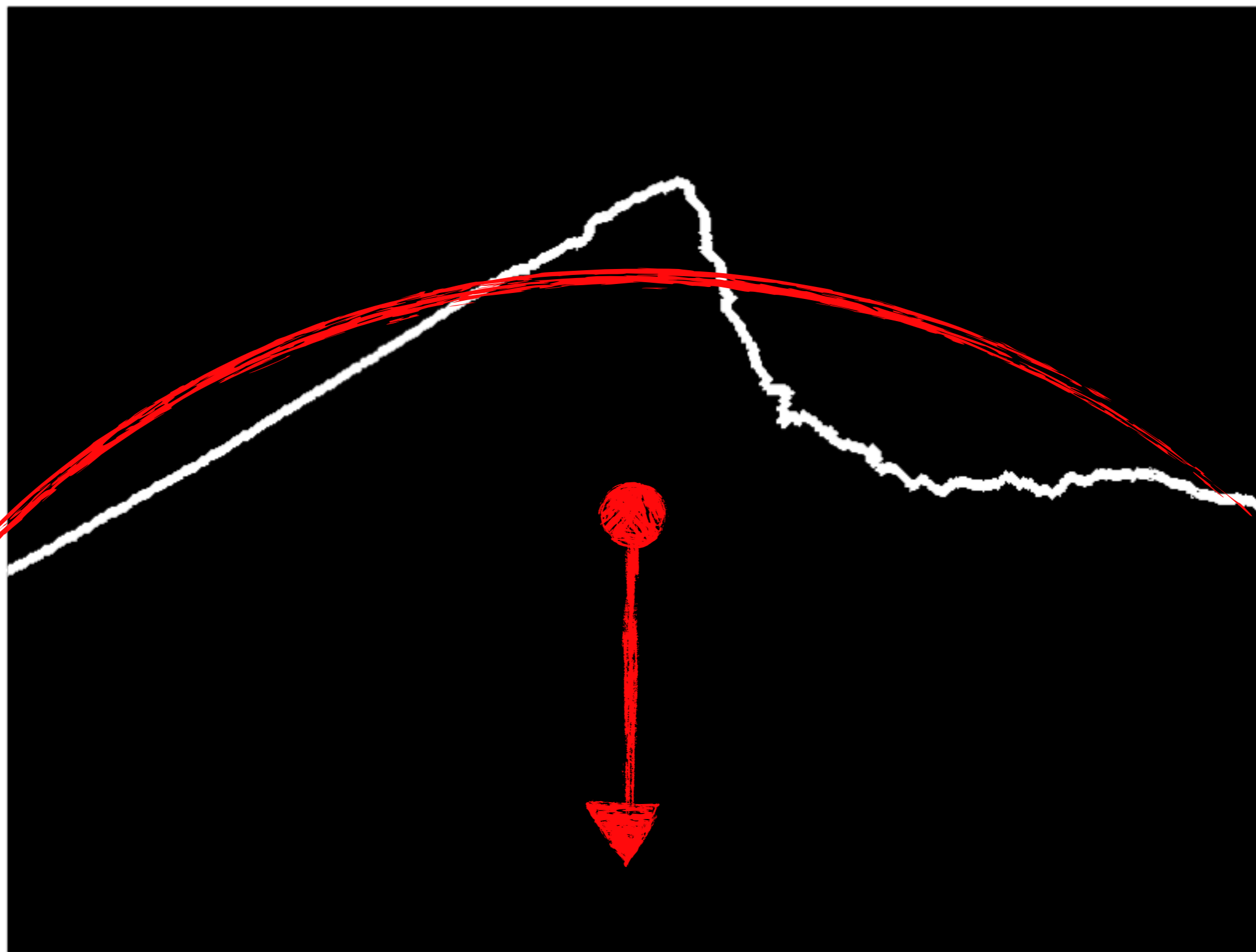


RXSM

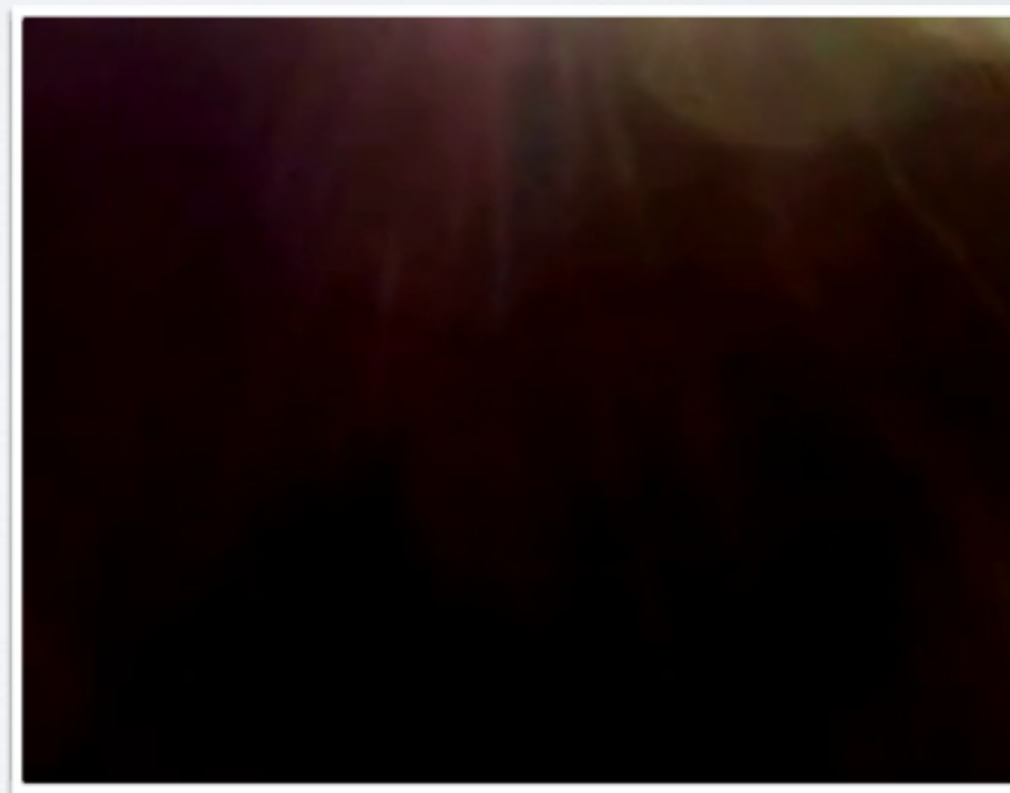
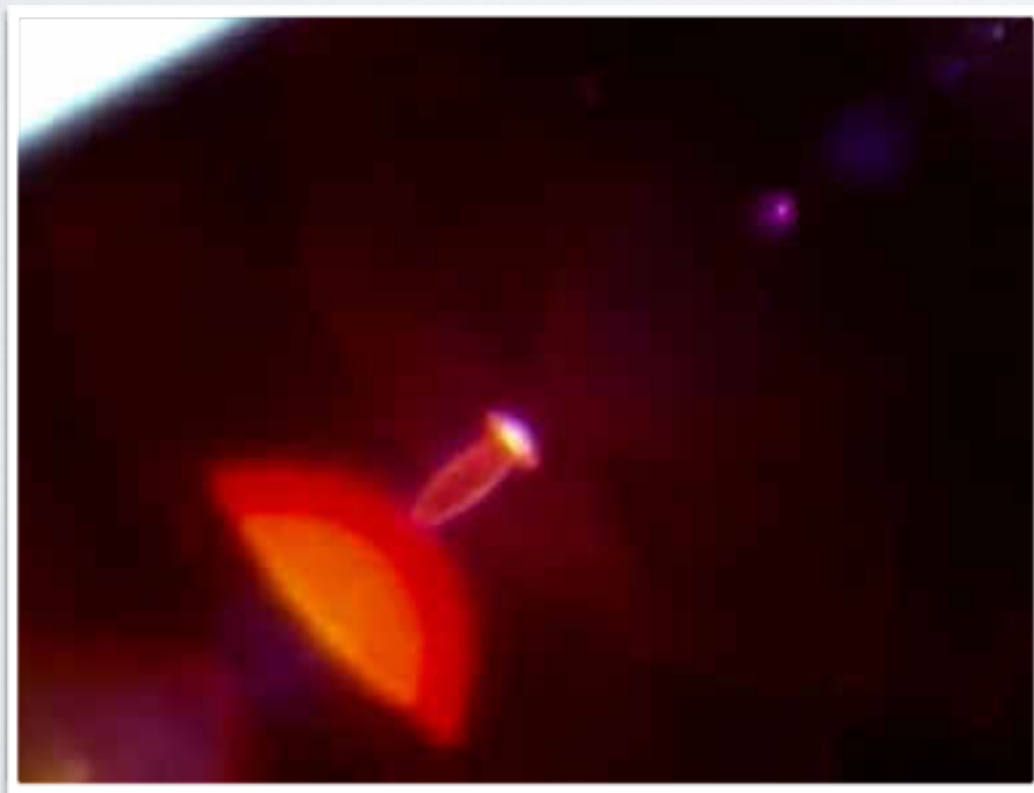
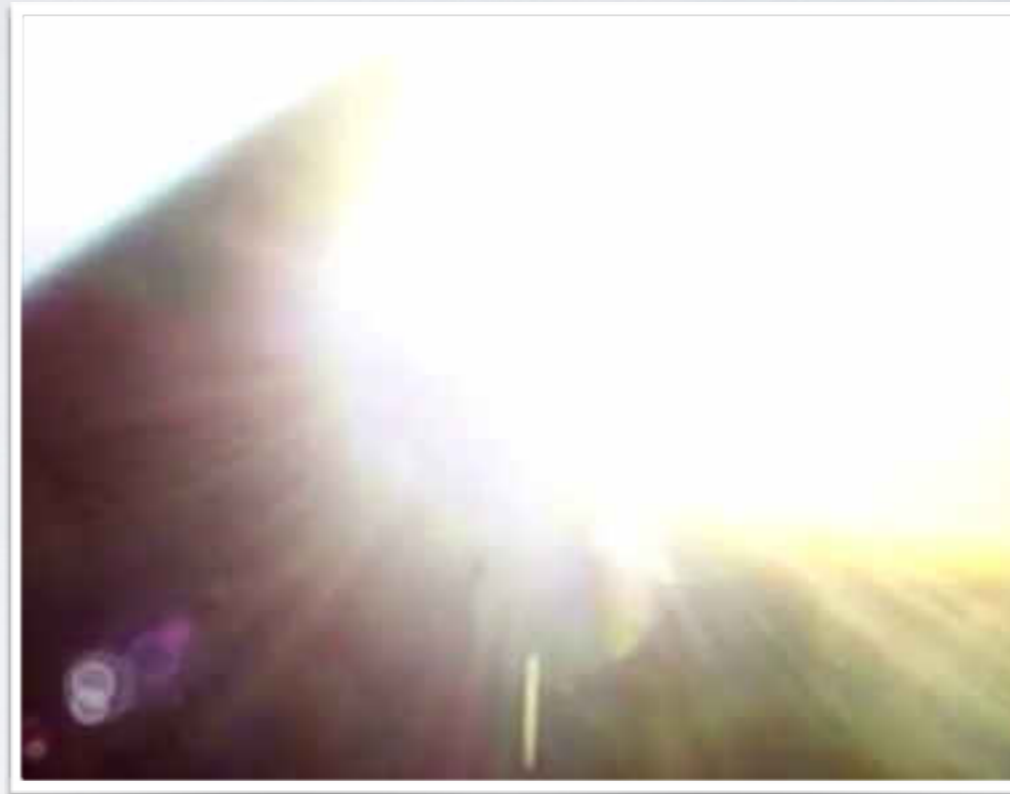
HOW?



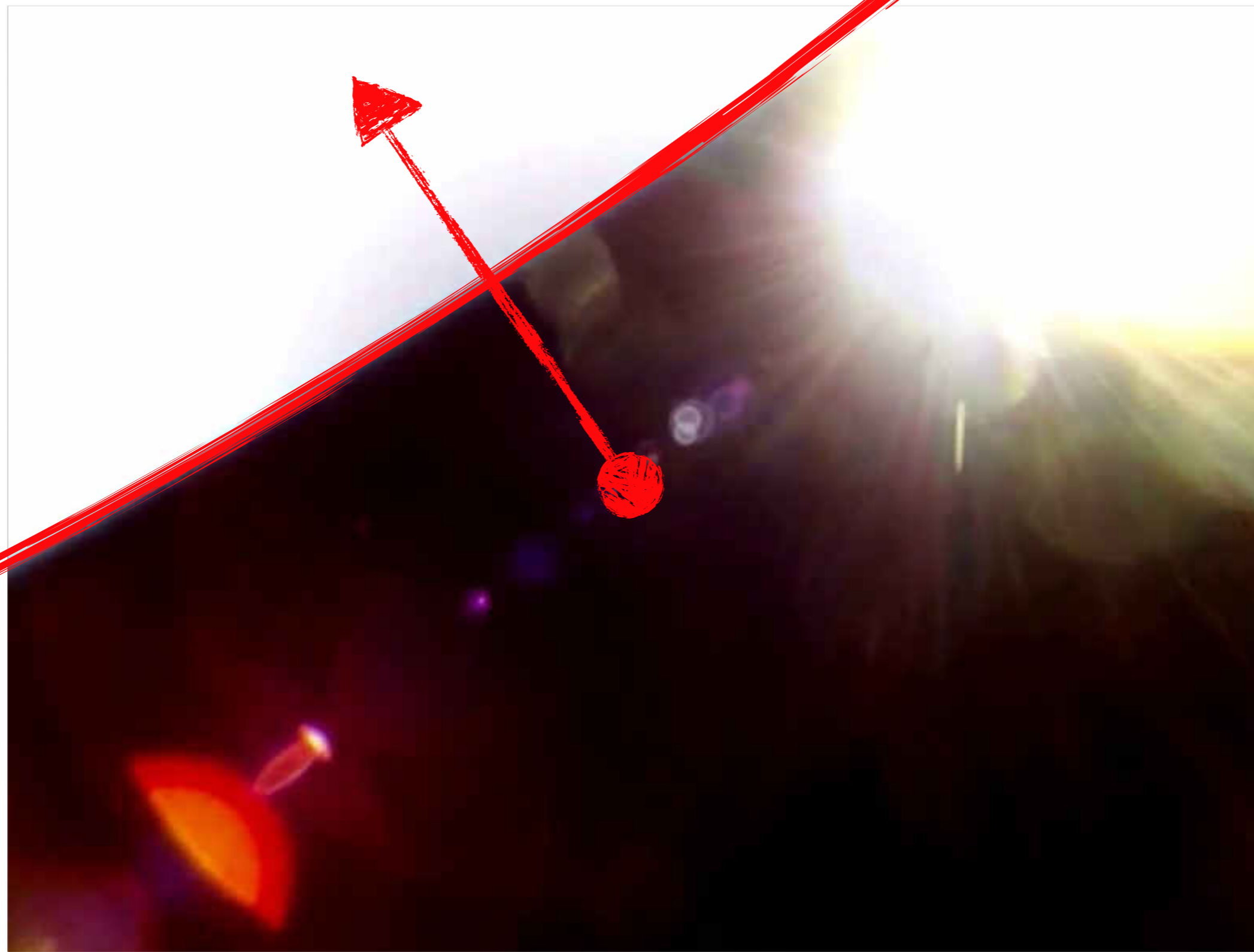
HOW?



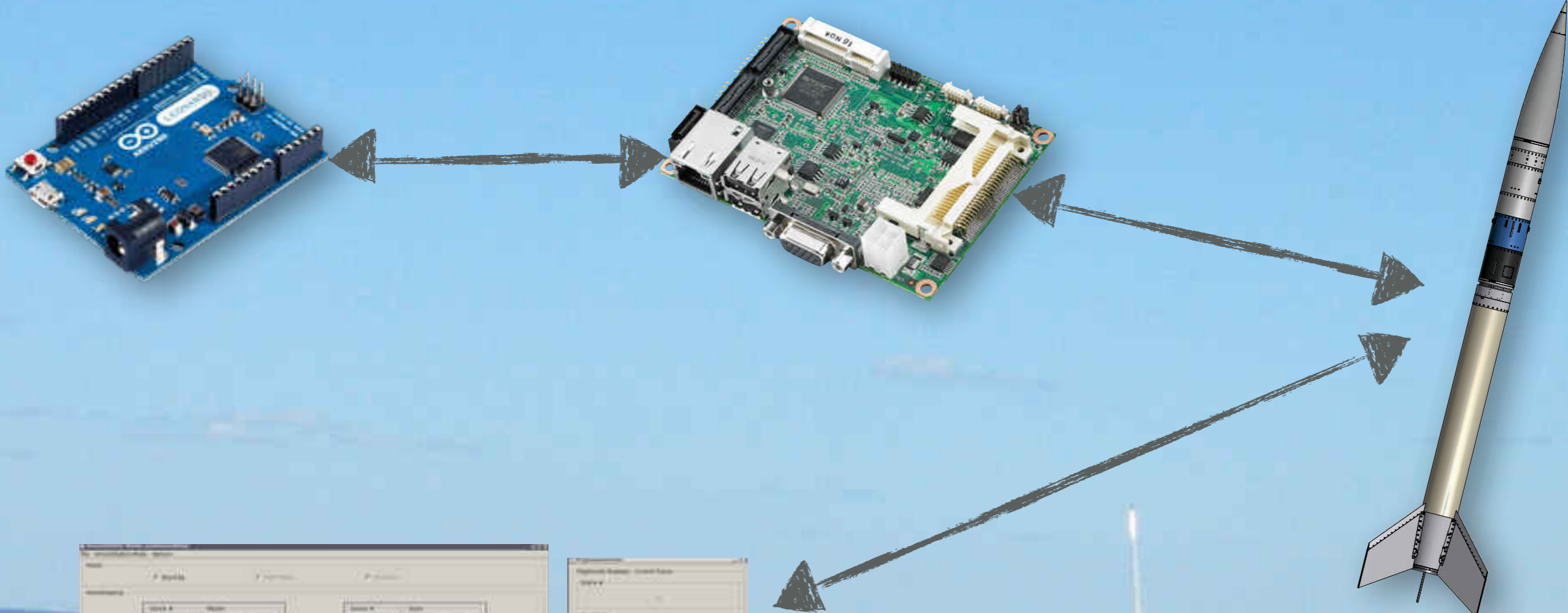
HOW?



WOW!



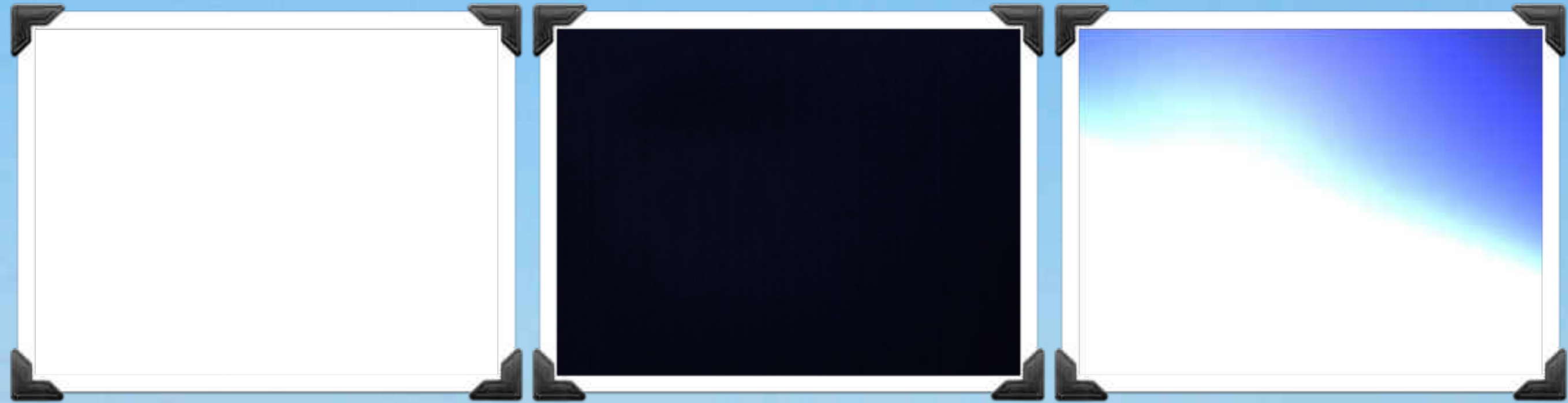
RESULTS?



The screenshot shows a software window with several panels. The top panel contains two tables with columns for 'NAME' and 'VALUE'. Below these is a large white text area. At the bottom, there is a control panel with various buttons and a status bar. A prominent red text box on the right side of the window displays the error message: **NO HORIZON**.



RESULTS?



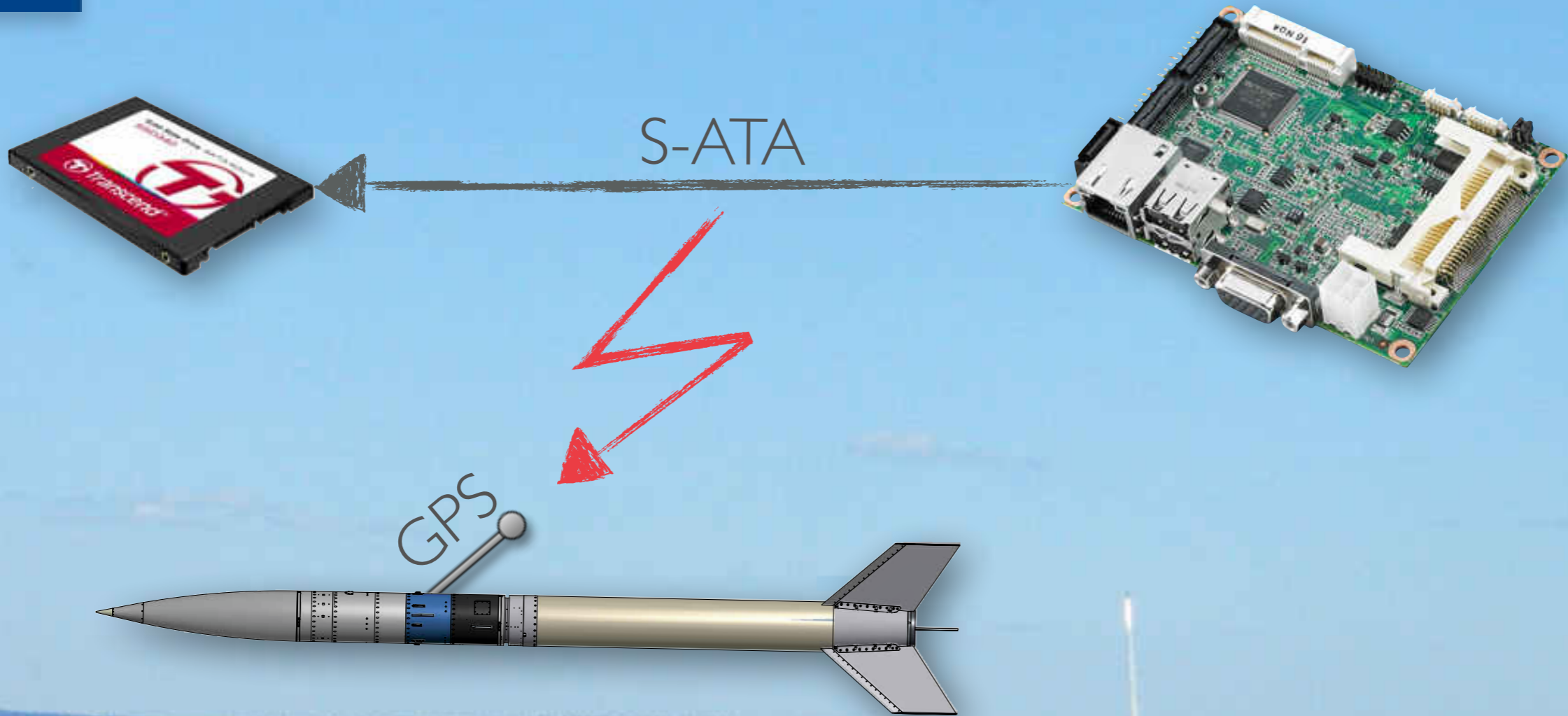
RESULTS?



50ms - 70ms per frame



RESULTS?



RESULTS?



$\pm 0.6^\circ$



RESULTS?



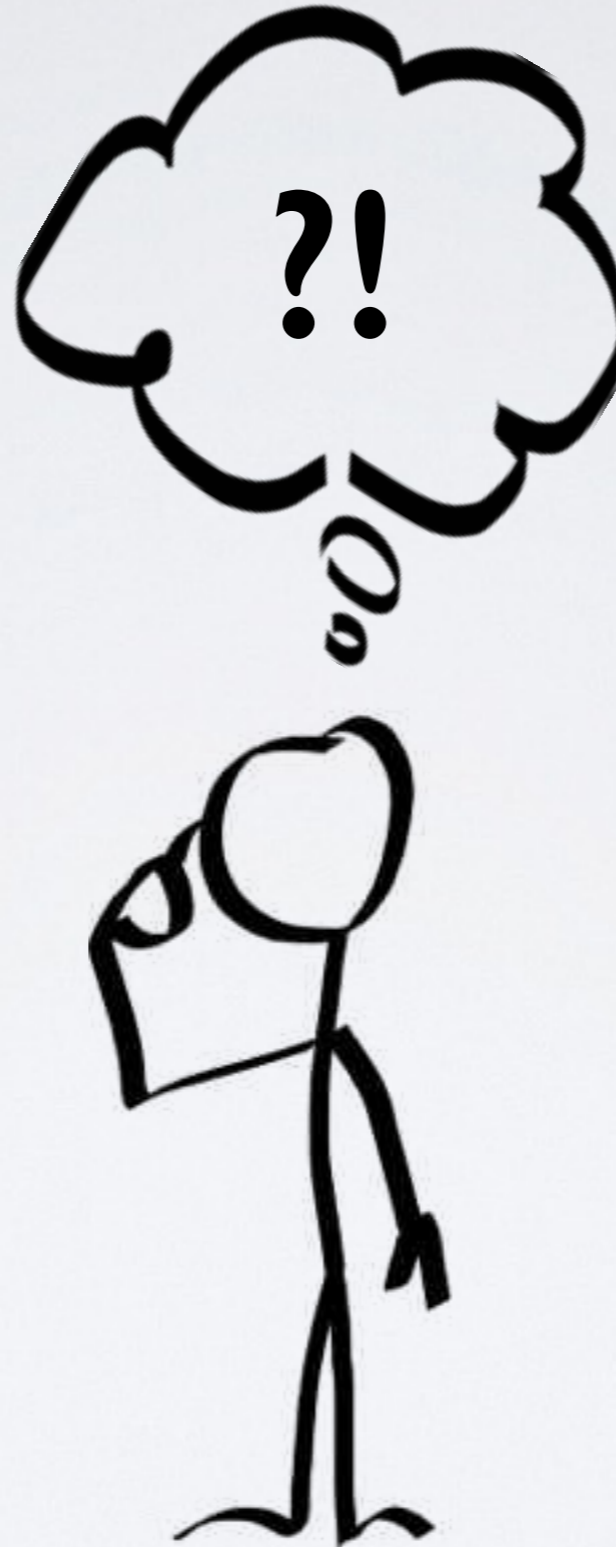
10%



0%



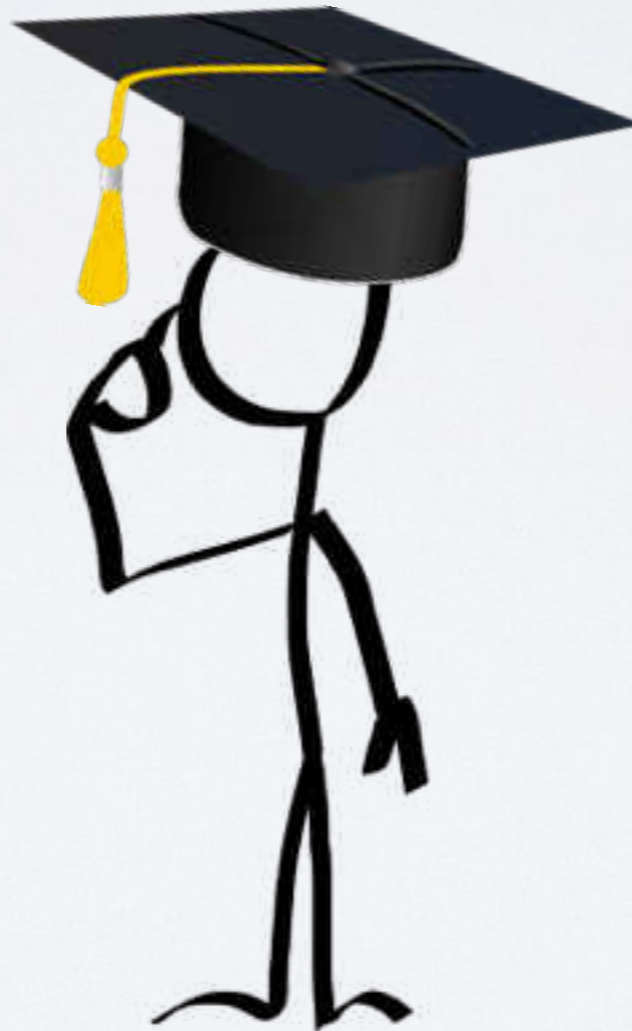
CHALLENGES



00101010



EDUCATION



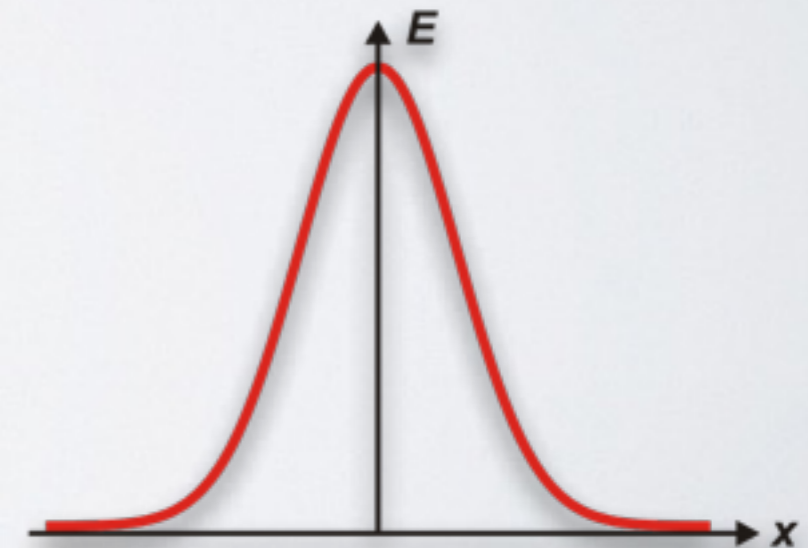
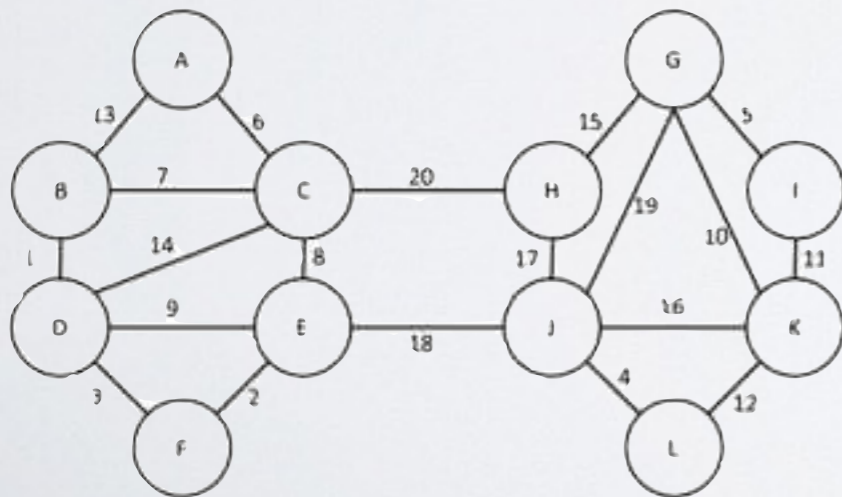
EDUCATION



```

    <code>
    </code>

```



EDUCATION



APPLICATION



L^AT_EX





Test what you fly, fly what you test

End-to-End Tests

Requirements & Documentation

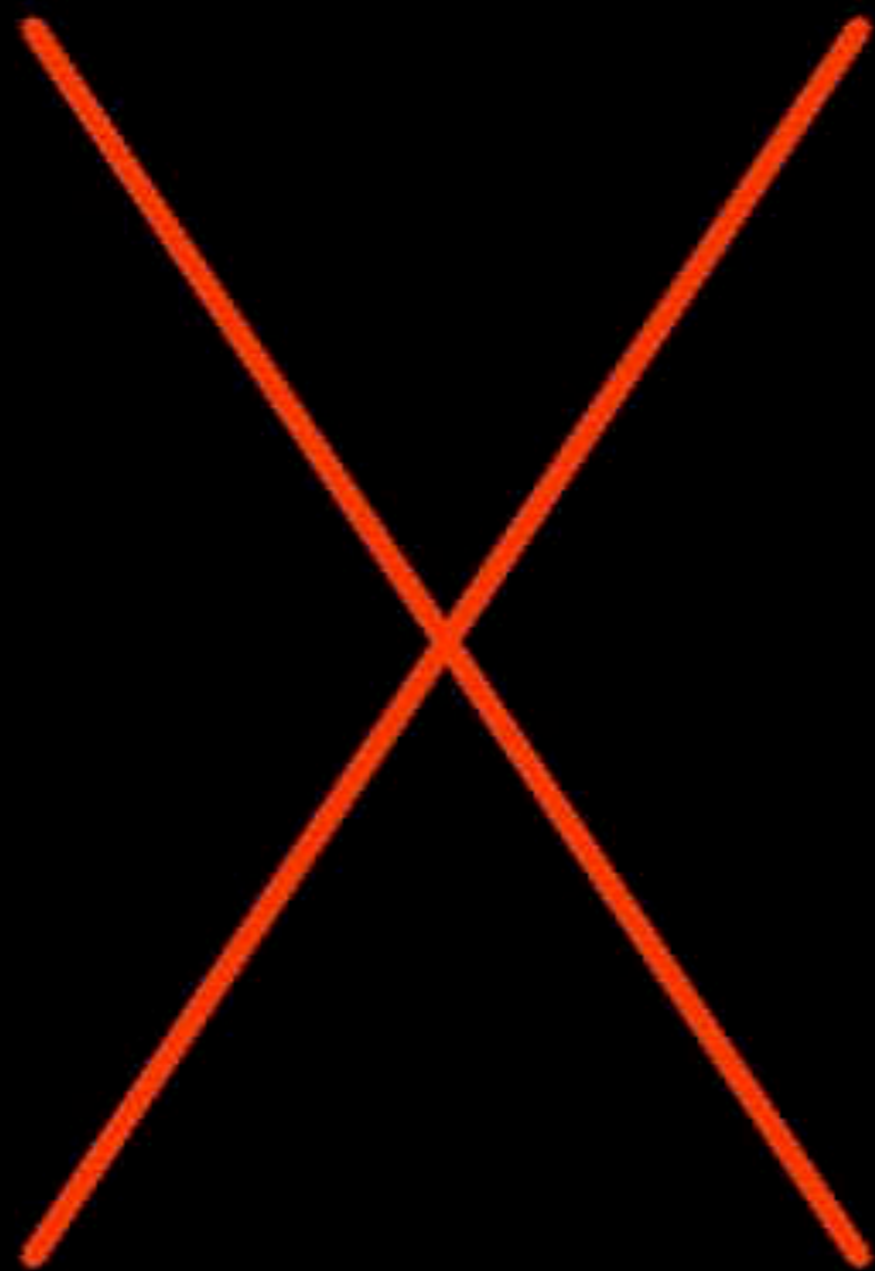
THAT'S IT?



VIDEO



frame : 1333



time : 8 ms

mean fps calc : 80.79
mean fps gui : 13.52

44 ОБДМЖЕНИЕ

T = 14:58:03

ЗАПР СВ КУРС 2 | ДЕМП ГСО НЕТ

Б2 ВРАЩЕН

0X 0.000%

ИНД РЕЖ

0Y 0.000%

P 30.0

0Z 0.000%

СВ.00000

КУРС 2

Г 0.000°

У 0.000°

Ф 0.000°

С 0.000°

9 0.000°

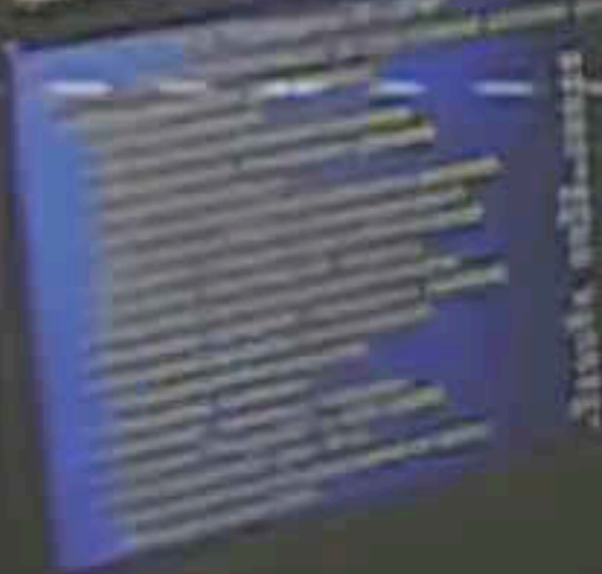
Р 30.698

Р 0.000

Р 0.000

Р 0.000

Р 0.000

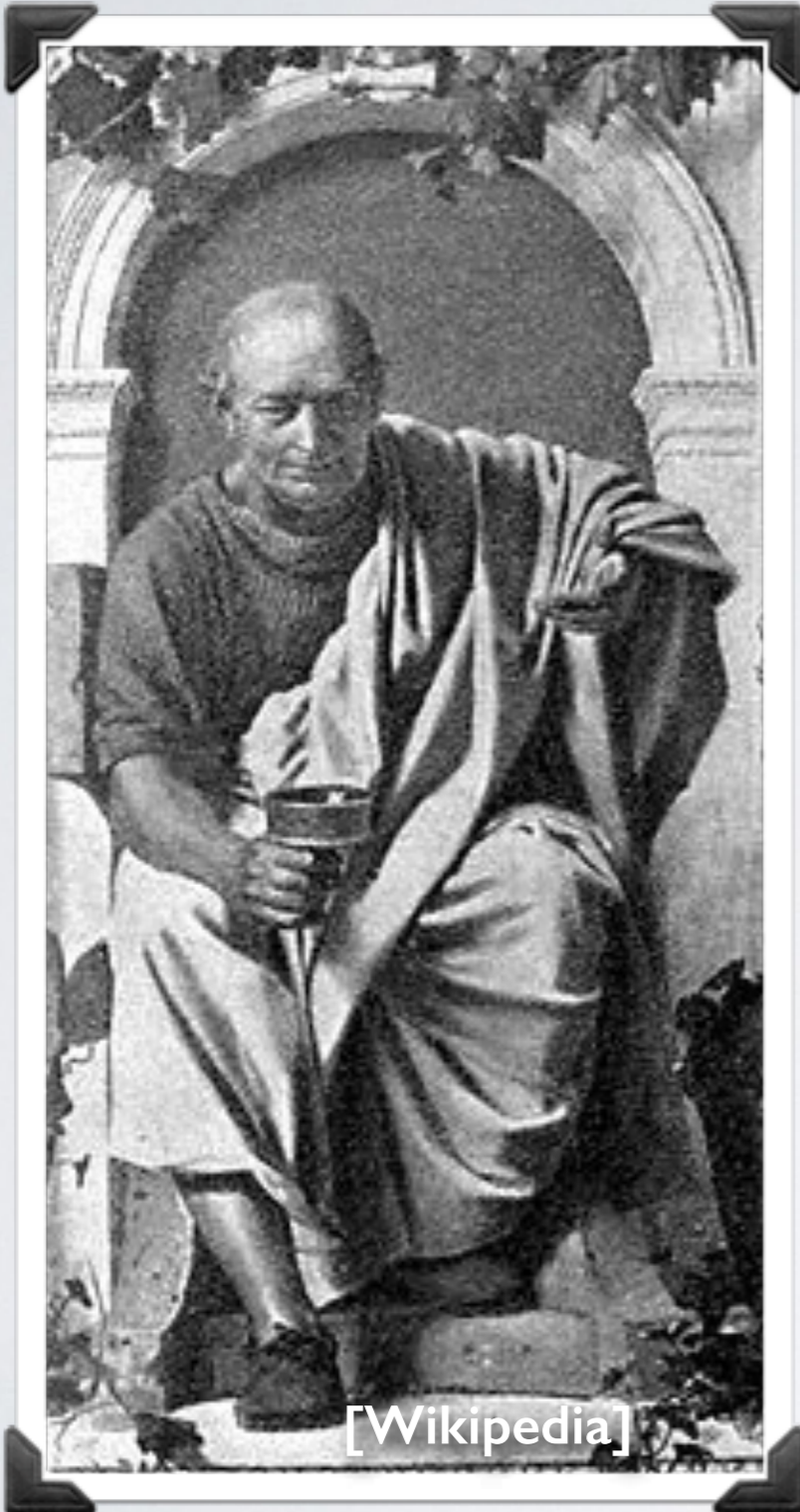


Р 0.000кн

Р 0.000/с

А: ДУС-2 2

[ROSKOSMOS]

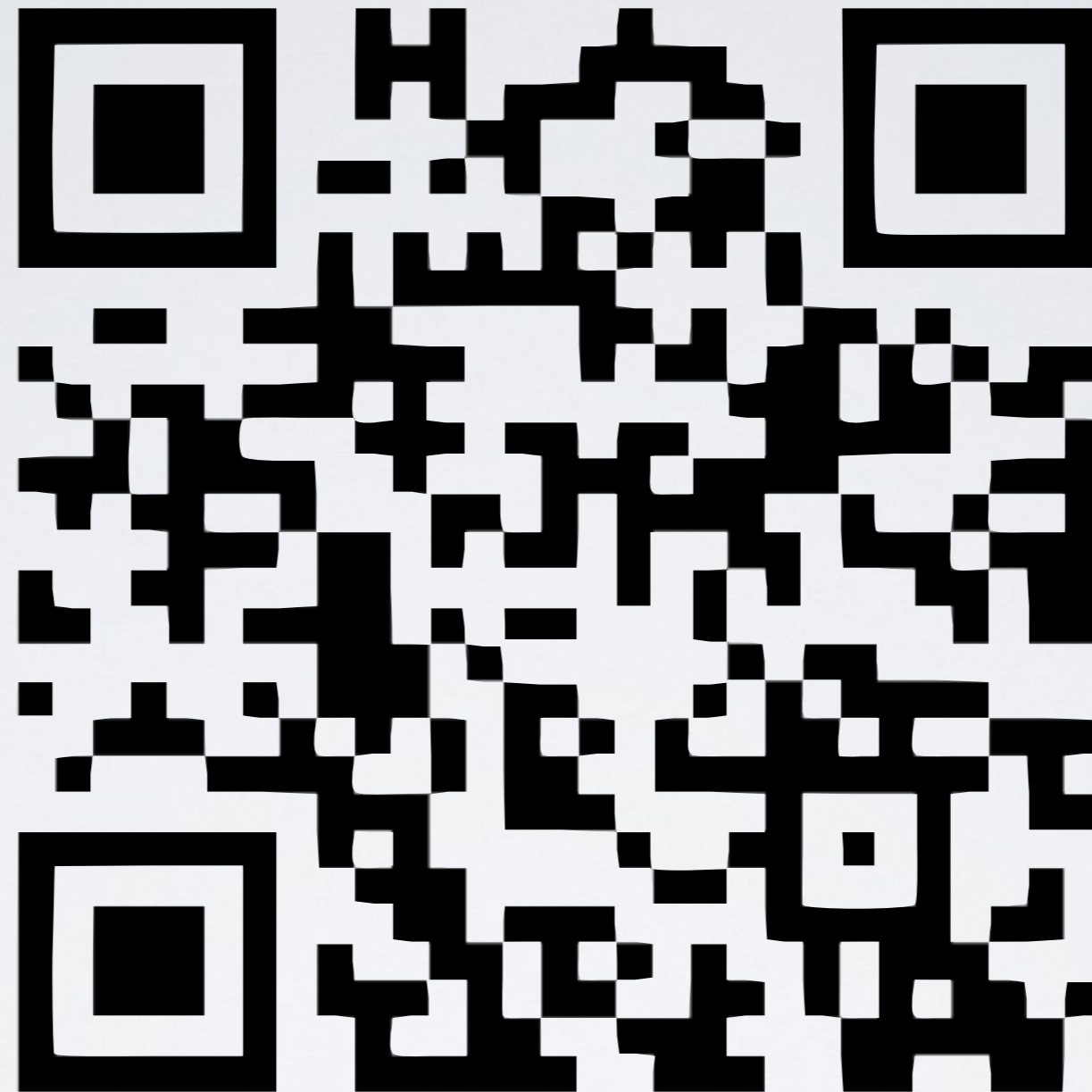


Quintus Horatius Flaccus

Odes III, 30, 6 :

Non omnis moriar

CONTACT?



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