

BSD
LICENSED

GLUMPY

OPENGL+NUMPY

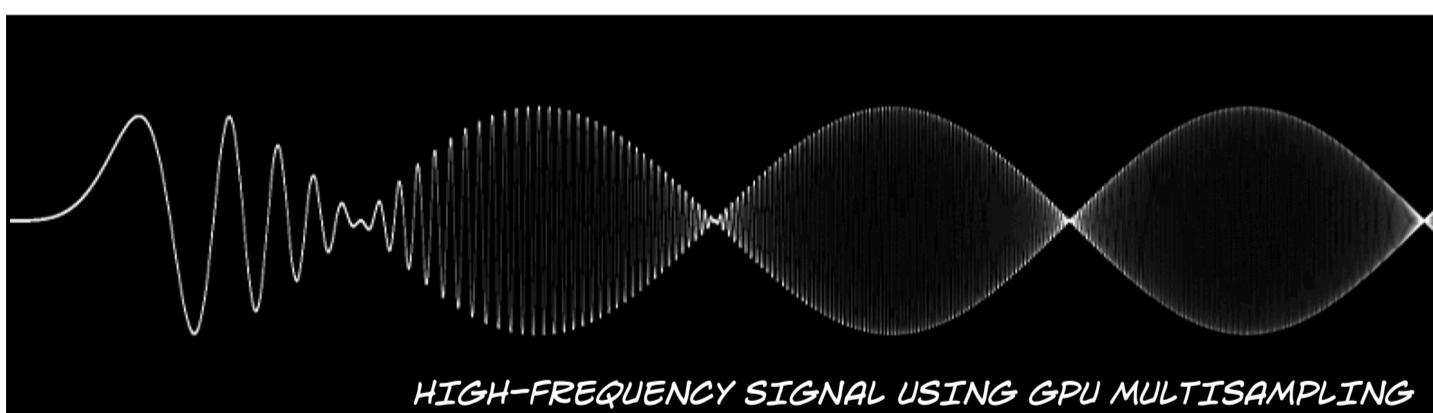
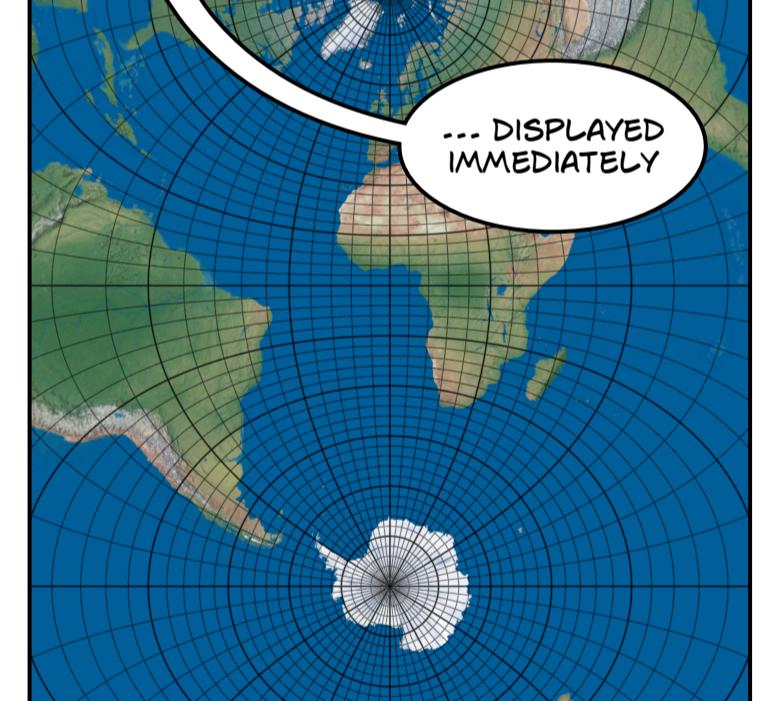
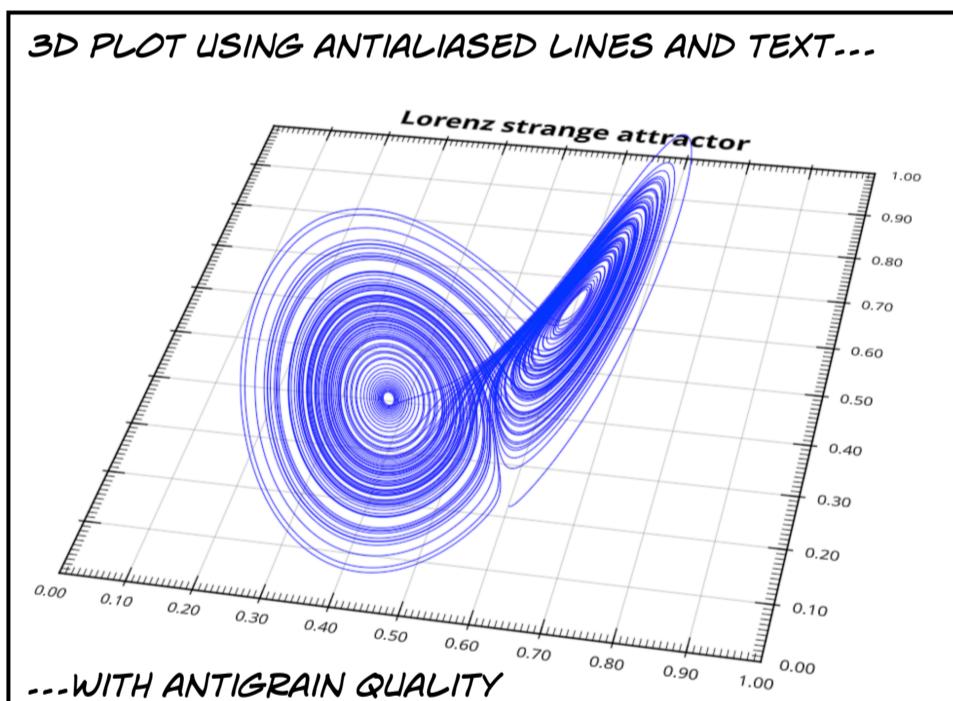
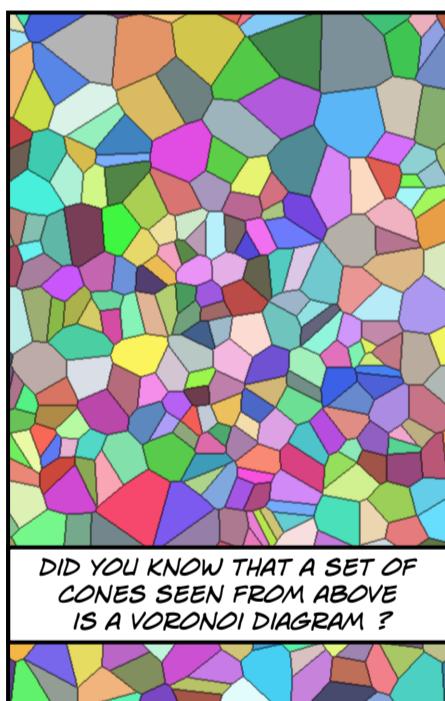
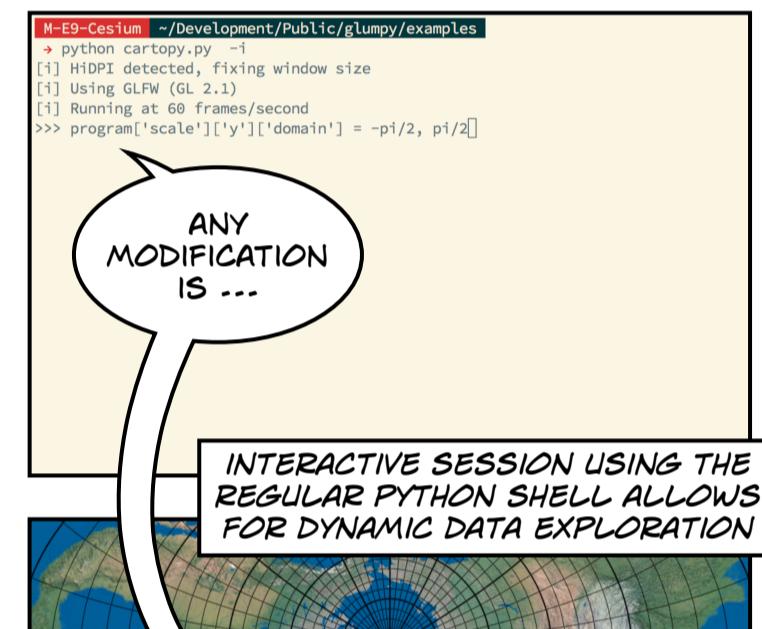
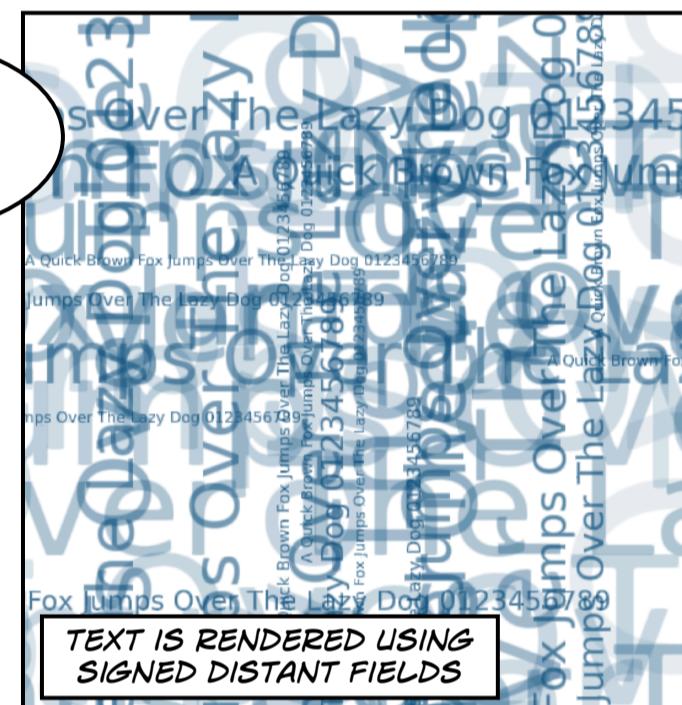
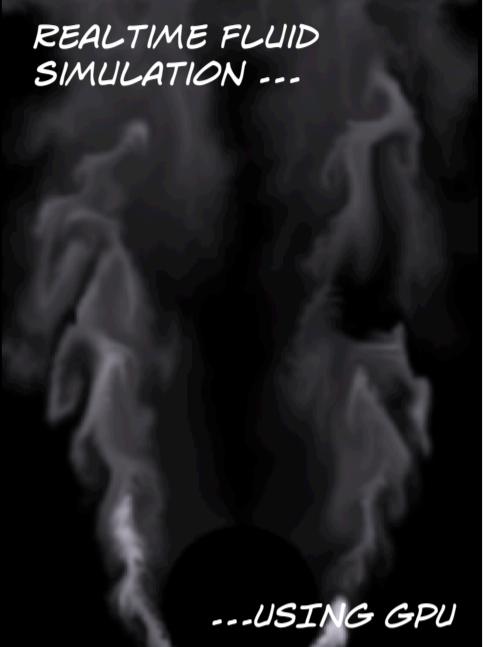
FAST, SCALABLE AND BEAUTIFUL SCIENTIFIC VISUALIZATION

THERE'S MORE AT
GLUMPY.GITHUB.IO

NICOLAS.ROUGIER@INRIA.FR



WAOW !!!
IT'S REALLY
SUPER FAST !



GLUMPY IS A PYTHON LIBRARY FOR SCIENTIFIC VISUALIZATION THAT IS BOTH FAST, SCALABLE AND BEAUTIFUL. GLUMPY OFFERS AN INTUITIVE INTERFACE BETWEEN NUMPY AND MODERN OPENGL.

NUMPY ARRAYS ARE TRACKED AUTOMATICALLY SUCH THAT ANY CHANGE ON THE CPU IS REFLECTED AUTOMATICALLY ON THE GPU, MAKING THE INTEGRATION SEAMLESS.

GLUMPY PROVIDES MORE THAN 100 EXAMPLES SHOWING HOW TO ACHIEVE THIS OR THAT VISUALIZATION, SUCH AS ANTIALIASING, TEXT RENDERING, ISOLINES COMPUTATION, IMAGE FILTERING, CARTOGRAPHIC PROJECTION, REALTIME SIGNALS, FLUID SIMULATION, SVG RENDERING, ETC.

