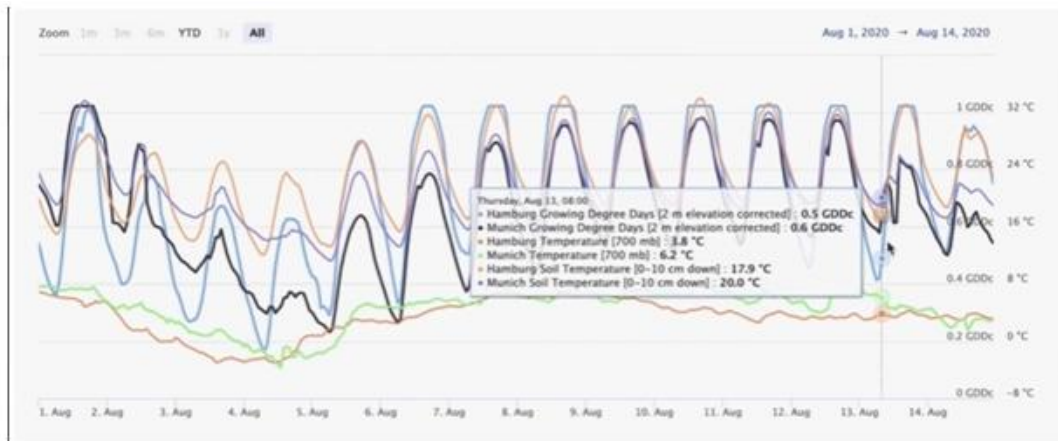
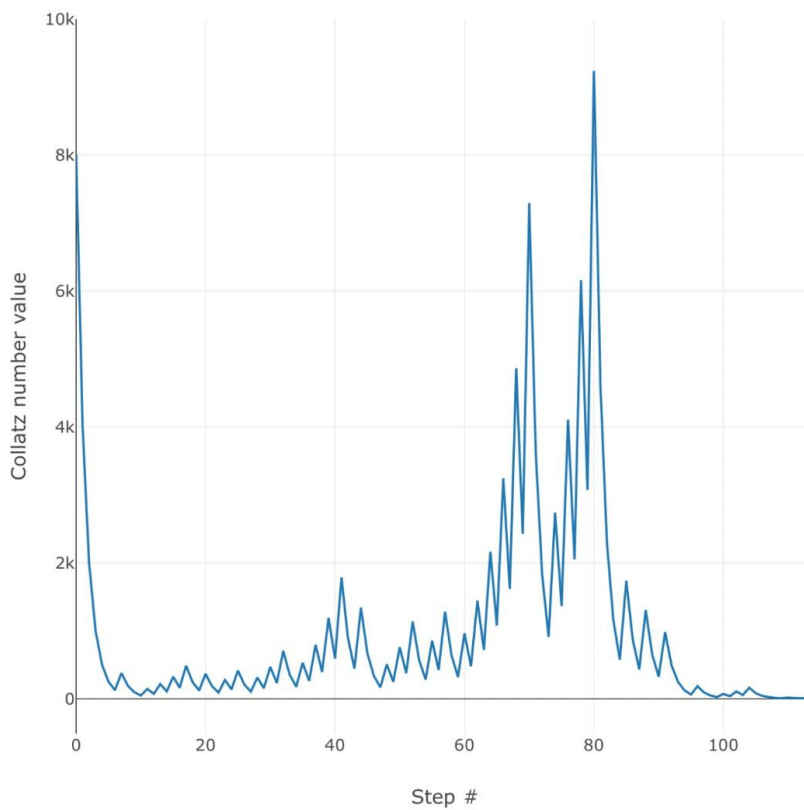


This is the most I will say again most beautiful graph exists in nature. Angour zaman giant equation graph



Which is the infinitely iterative graph . And the collatz conjecture graph

Collatz number progression



Graph of collatz conjecture

Can you see some equality between the graph of collatz conjecture and zaman giant equation graph . Yes it seems that it is a bad weather graph and if you zoom the zaman giant equation you will see that both have a property of increasing and decreasing functionality .

If we want to find the similarity between Bessel graph, zaman graph and collatz graph we will see that collatz conjecture is the subset of zaman graph, zaman graph is the subset of Bessel graph in previous paper which I called the "The ultimate proof of collatz conjecture using simple number theory. Which was so easy to prove that if we have a set of only odd numbers collatz conjecture proof exist for all natural number.

And remember odd number is the subset of Natural number . Then if you deny that collatz conjecture then you have to deny the zaman function which is based on Bessel and euler identity . If you deny this then math is over . So I think Collatz Conjecture is proved for all types of function . Here is the source code if you want to check the graphs are correct

Source Code:

```
export LANG=C export SERVER_NAME=pcbarina.fit.vutbr.cz echo "hostname=$(hostname)"echo
"pwd=$(pwd)"echo "HOME=$HOME"echo "cpu model name=$(cat /proc/cpuinfo | grep "model name" | head -
n1)"echo "cpus=$(cat /proc/cpuinfo | grep processor | wc -l)"echo "TMPDIR=$TMPDIR" set -uset -e # check
the connectionif ! ping -c1 -q "${SERVER_NAME}"; then echo "No connection!" exitfi umask 077 CC=gccif
type clang > /dev/null 2> /dev/null && clang --version | grep -qE "version (8|9|10|11|12|13)"; then echo "INFO:
clang available" CC=clangfi # don't forget git clone git@github.com:xbarin02/collatz.git into
$HOMESRCDIR=$HOME/collatz/MAPDIR=$HOME/collatz-sieve/TMP=$(mktemp -d collatz.XXXXXXXXXX
--tmpdir) echo "SRCDIR=$SRCDIR"echo "TMP=$TMP" if ! test -d "$SRCDIR"; then pushd "$HOME" git
clone git@github.com:xbarin02/collatz.git popdelse pushd "$SRCDIR" git pull || echo "cannot sync repo"
popdfi if ! test -d "$MAPDIR"; then pushd "$HOME" git clone git@github.com:xbarin02/collatz-sieve.git
popdelse pushd "$MAPDIR" git pull || echo "cannot sync repo" popdfi mkdir -p -- "$TMP"pushd -- "$TMP" cp
-r "${SRCDIR}" . cd collatz/src HOSTNAME=$(hostname -s | tr '[:upper:]' '[:lower:]') TASK_UNITS=16if [[
"$HOSTNAME" =~ ^pco204-..$ ]]; then TASK_UNITS=20fi # build mclient & workermake -C worker clean
all USE_LIBGMP=1 CC=$CC USE_SIEVE=1 USE_PRECALC=1 SIEVE_LOGSIZE=34 USE_SIEVE3=0
USE_SIEVE9=1
USE_LUT50=1make -C gpuworker clean all CC=$CC TASK_UNITS=${TASK_UNITS}
SIEVE_LOGSIZE=24 USE_SIEVE3=1 || echo "unable to build gpuworker"make -C mclient clean all pushd
"$MAPDIR" ./unpack.sh esieve-34.lut50 "$TMP"/collatz/src/worker ./unpack.sh esieve-24
"$TMP"/collatz/src/gpuworkerpopd cd mclient CLEANUP_DIR=$TMP screen -d -m ./spawn.sh $* popd
```

sourcecodeforpython

```
def collatz(n):
    while n > 1:
        print(n, end=' ')
        if (n % 2):
            # n is odd
            n = 3*n + 1
        else:
            # n is even
            n = n//2
        print(1, end='')

n = int(input('Enter n: '))
print('Sequence: ', end='')
collatz(n)
```

Last Comment

If you can run all these programs you will see the relation between the collatz conjecture function and the fundamental law of nature in physics “ Everything wants to come in equilibrium”