



# Polymorphic Graph Classifier

Preliminary Theoretical and Practical Underpinnings

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## GOODHART'S LAW

WHEN A MEASURE BECOMES A TARGET,  
IT CEASES TO BE A GOOD MEASURE

IF YOU  
MEASURE  
PEOPLE ON...

NUMBER OF  
NAILS MADE

WEIGHT OF  
NAILS MADE

THEN YOU  
MIGHT GET

1000'S OF  
TINY NAILS

A FEW GIANT,  
HEAVY NAILS



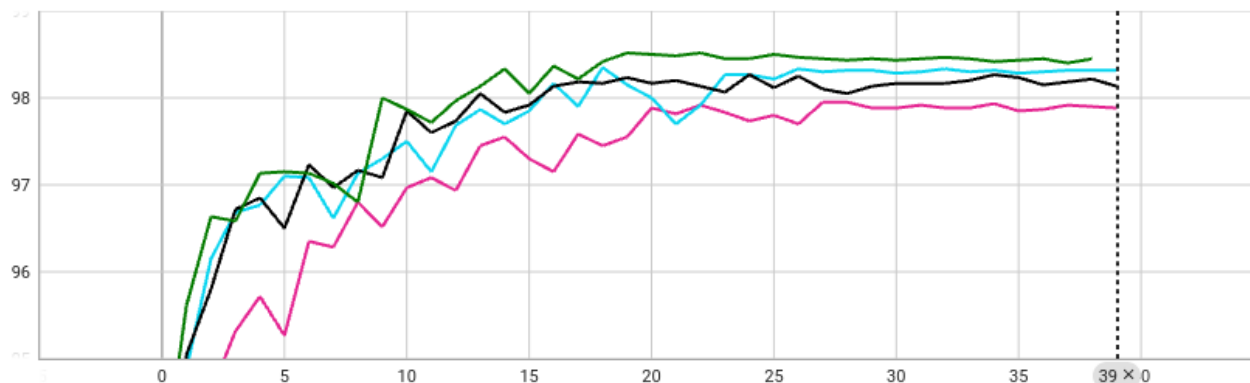
sketchplanations

theory

benchmarks

# Origins

Accuracy/val



Run ↑

- 073\_addressing.py\_20250414\_163540\_1d\_1s\_1i\_[-2\_2]
- 073\_addressing.py\_20250414\_175421\_3d\_5s\_3i\_[-2\_2]
- 073\_addressing.py\_20250414\_193824\_4d\_5s\_3i\_[-2\_2]
- 073\_addressing.py\_20250414\_230803\_3d\_6s\_5i\_[-2\_2]

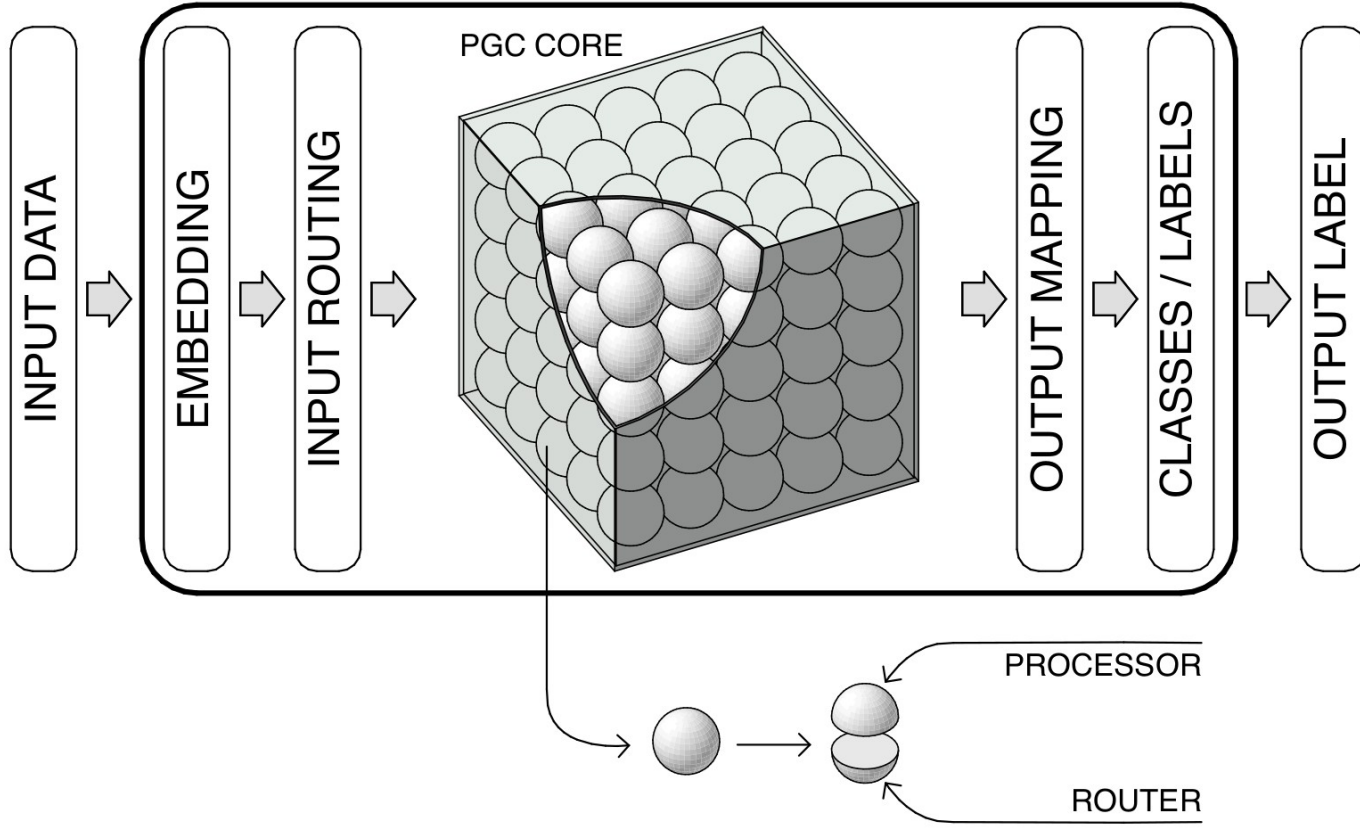
Value

Step

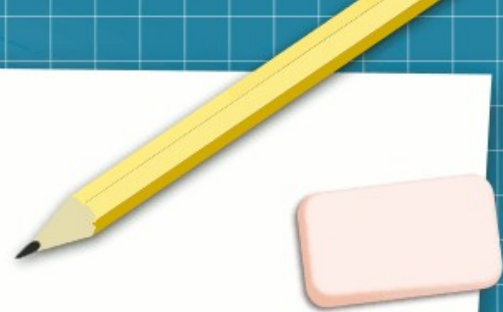
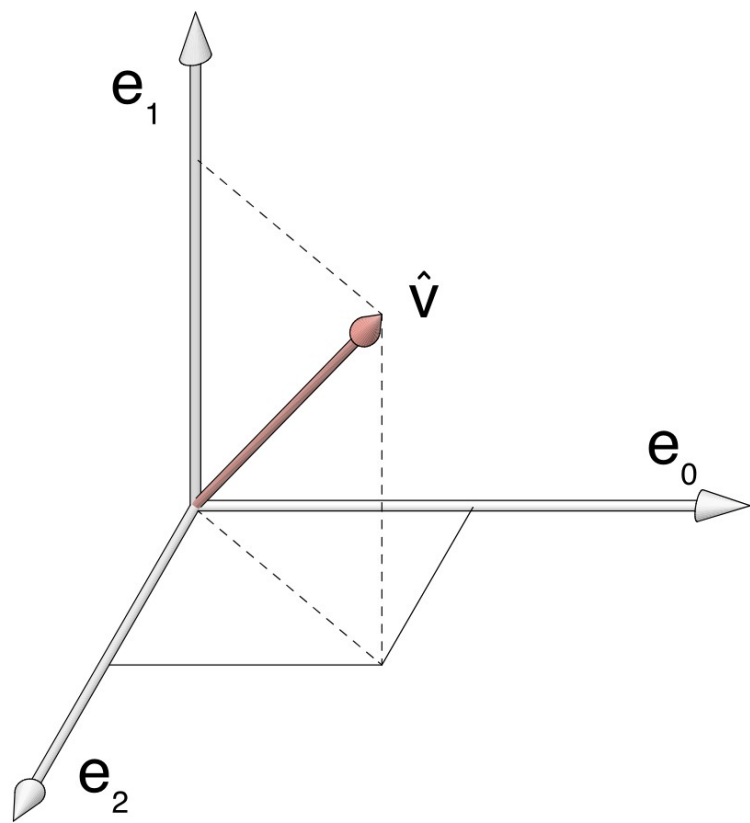
Relative

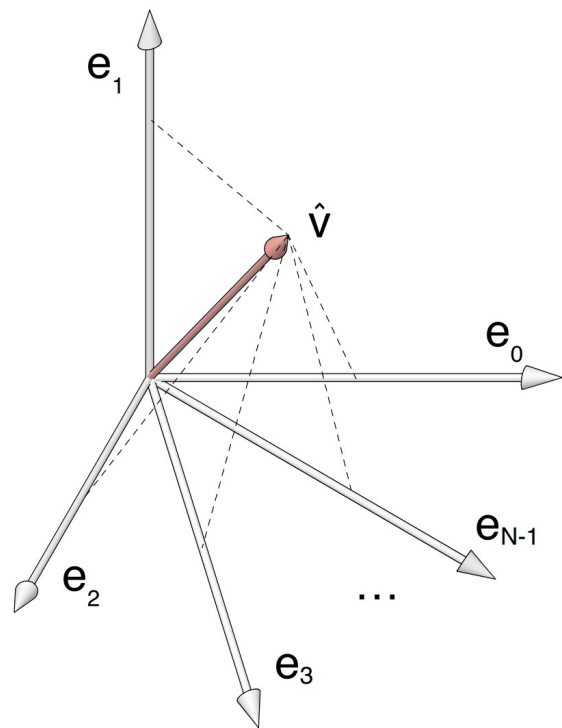
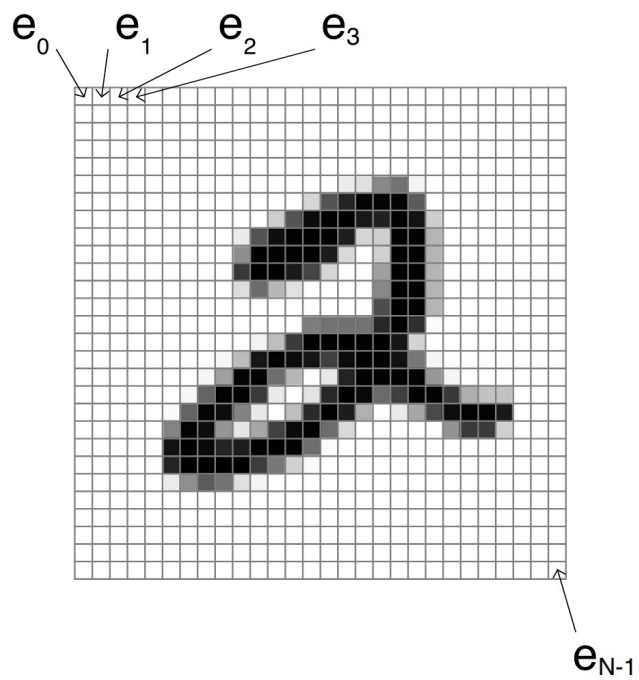
97.8833	39	18.6 min
98.3167	39	1.323 hr
98.1333	39	2.825 hr
98.45	38	1.997 hr

## POLYMORPHIC GRAPH CLASSIFIER (PGC) UNIT

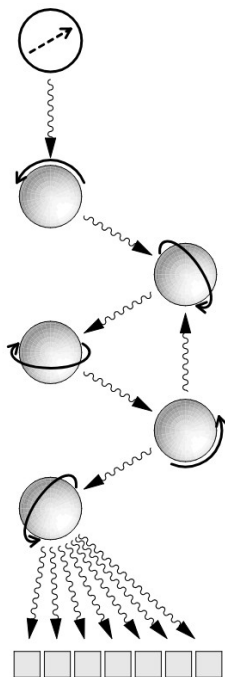






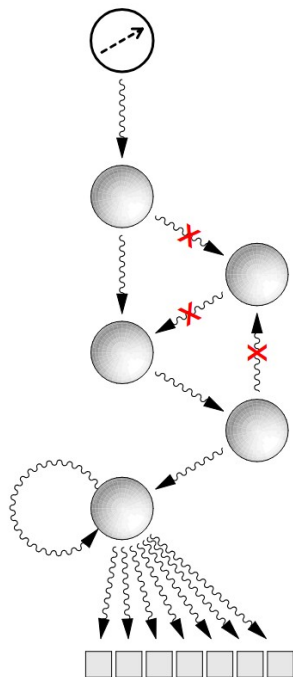


FEATURES



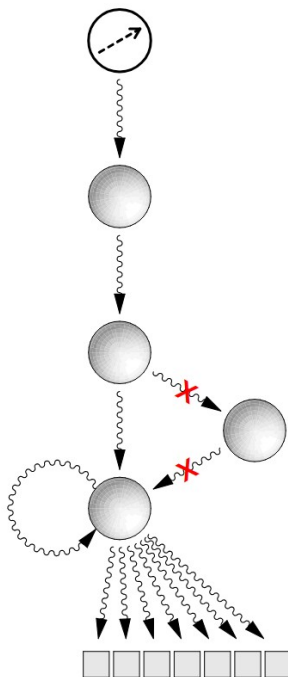
CLASS LABELS

FEATURES

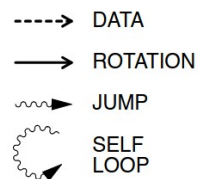


CLASS LABELS

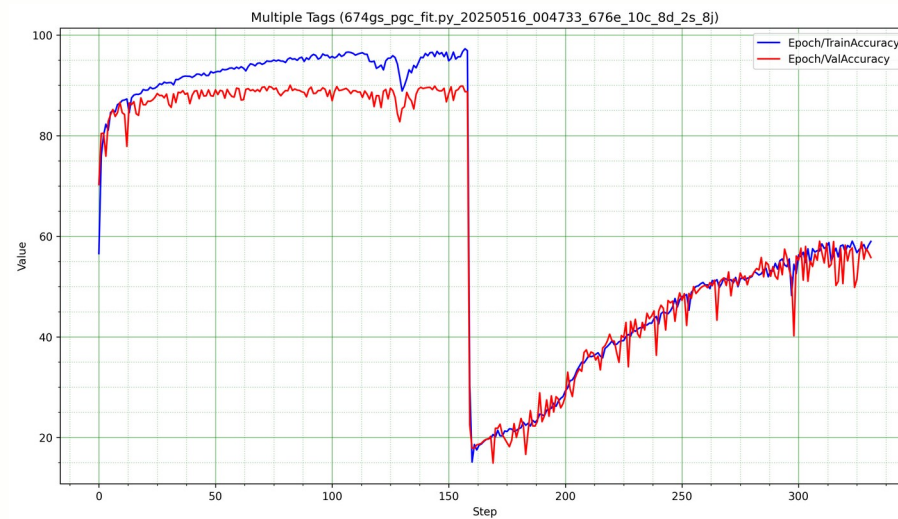
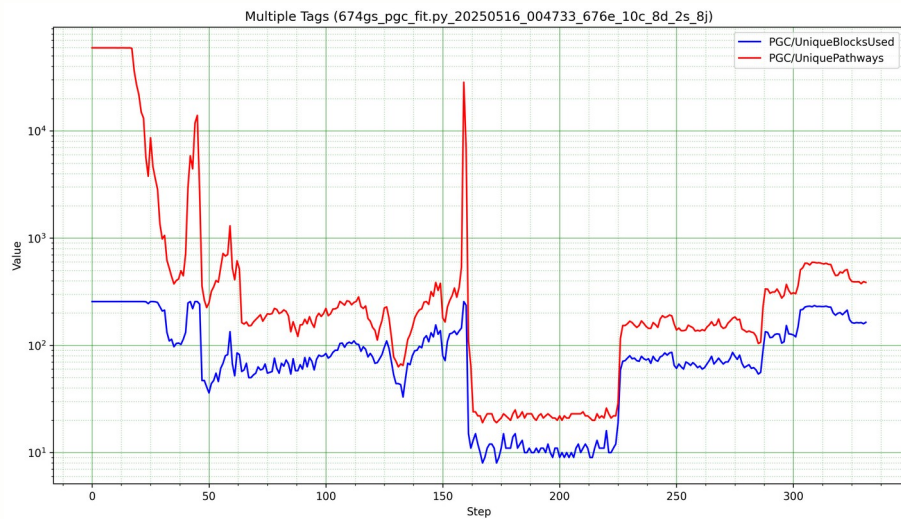
FEATURES



CLASS LABELS

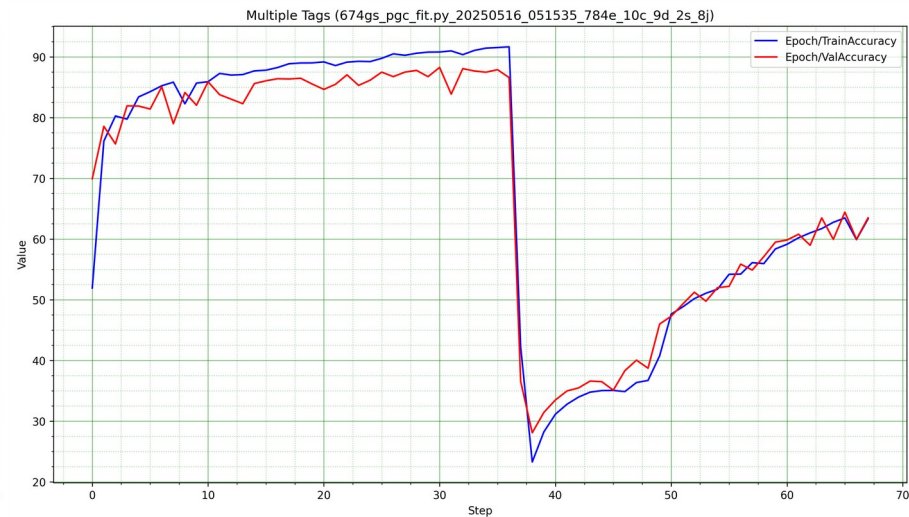
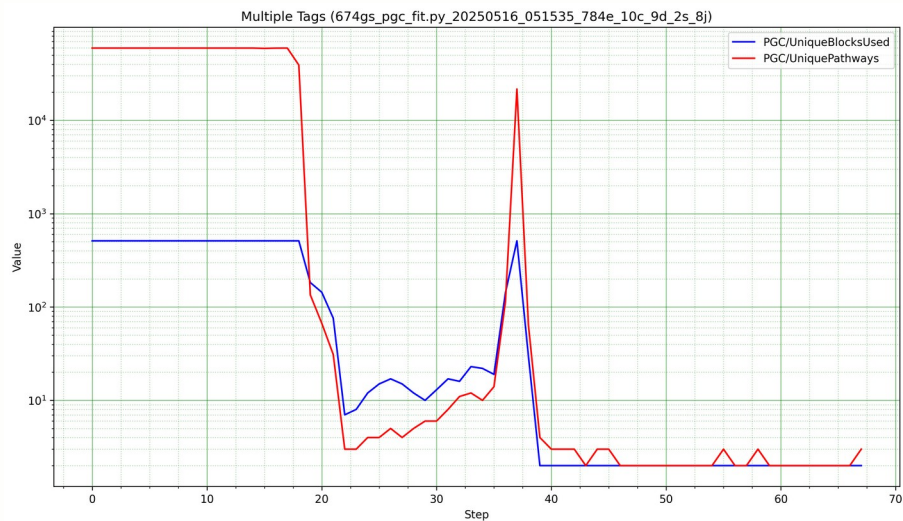
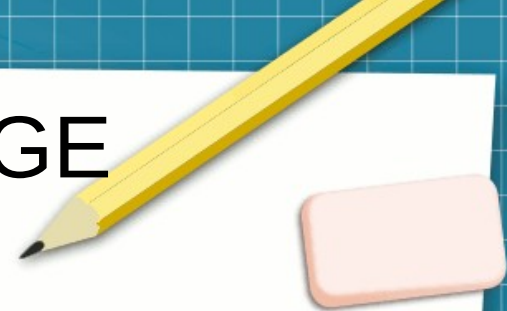


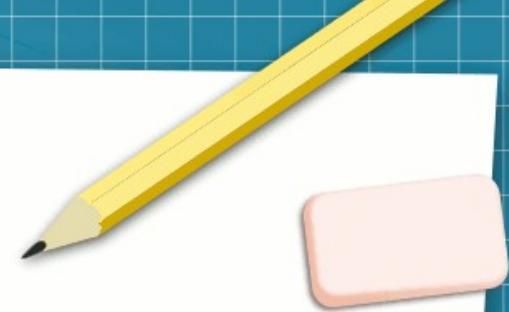
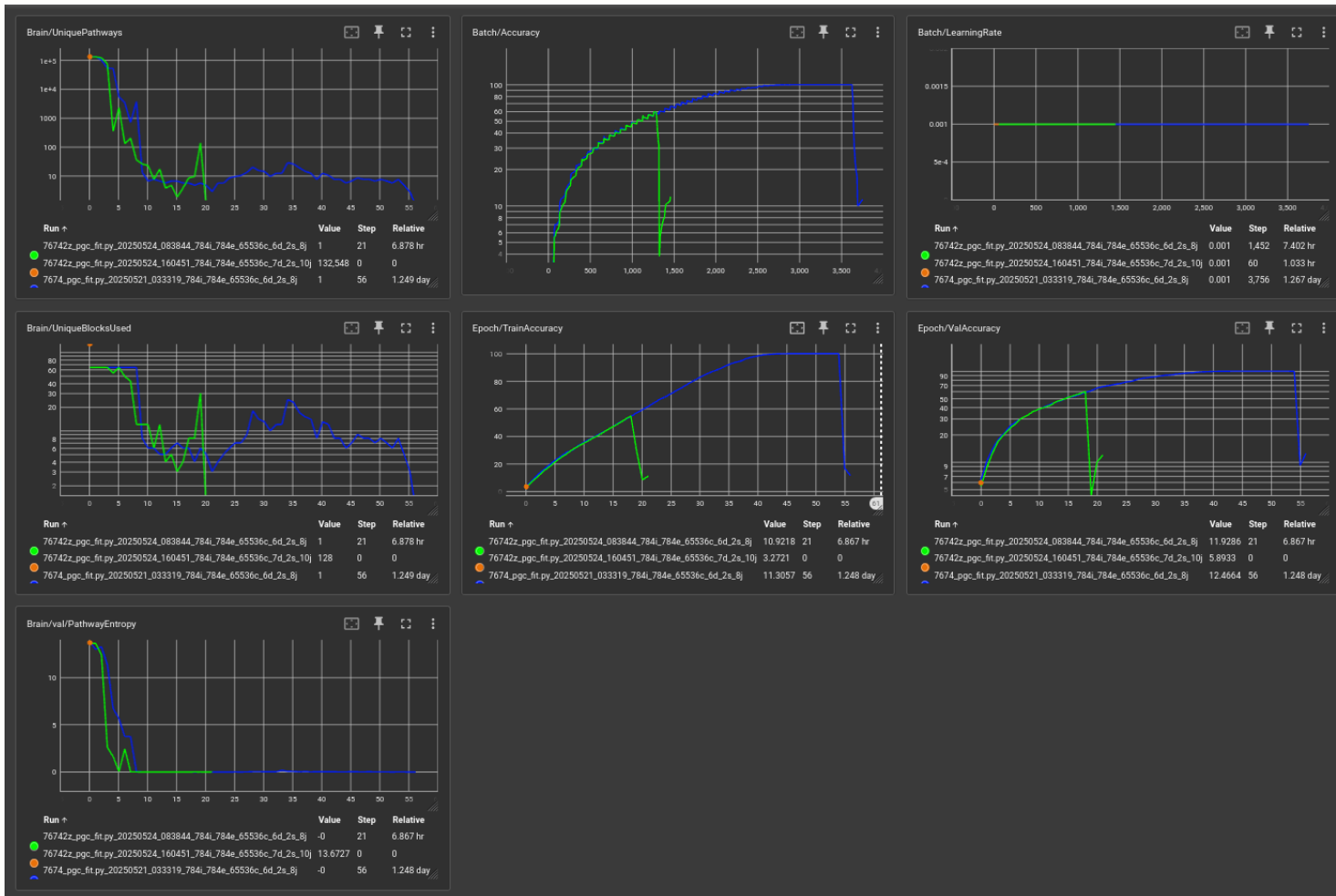
# MNIST FASHION – PGC SMALL





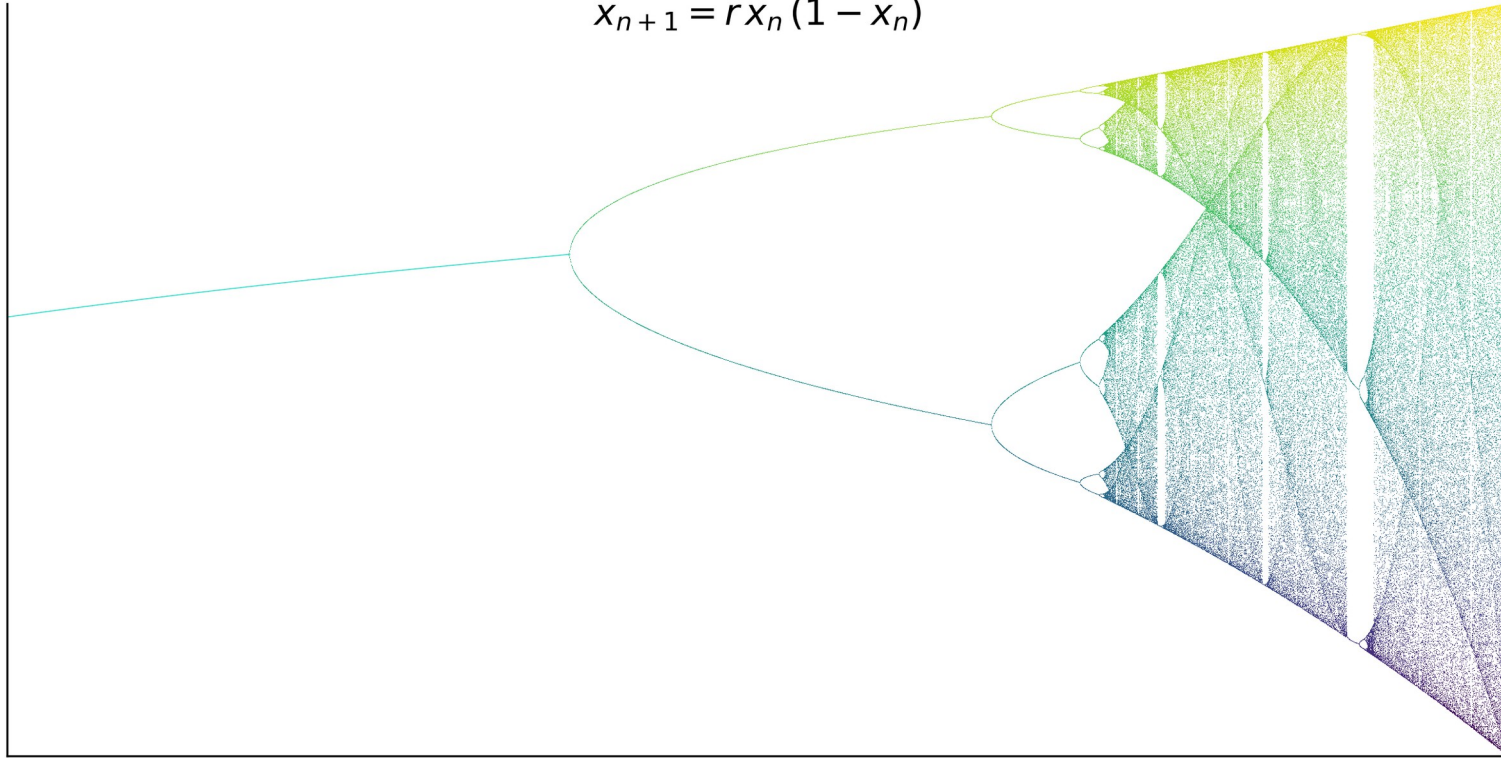
# MNIST FASHION – PGC LARGE



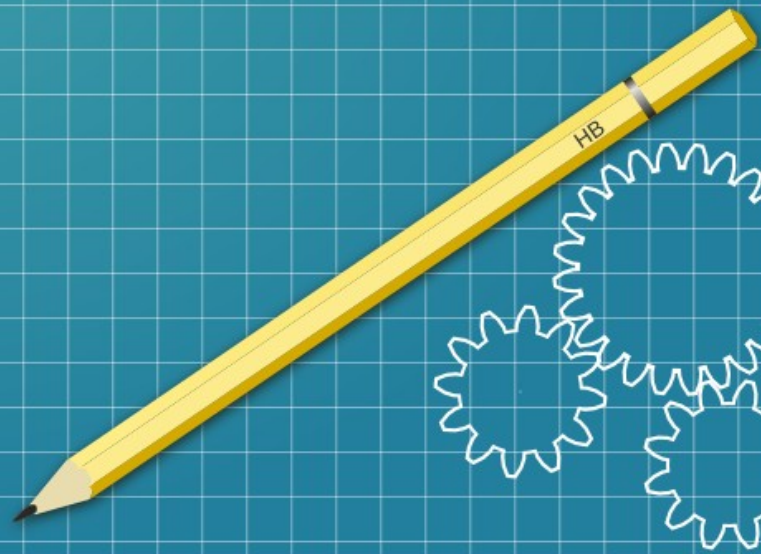


Go Rin No Sho

Logistic-Map Bifurcation Diagram  
 $x_{n+1} = rx_n(1 - x_n)$











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It makes use of the works of Mateus Machado Luna.

