

# Syamailcoin: Gödel's Untouched Money

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## Abstract

Until now the previous money design relied on the N-bit unit, offering N-sac or Superior Age Class where the program can understand 0-9, Bit Flip is still possible to manipulate Transactions, with the new units especially Hashing Cryptography which uses nsac which does not require bits but works the same as 2and with the transfer also the shortening of time Sub Interval to Iteration Derivatives makes the difficulty level because of the time pattern which ends up requiring quite Electrical consequences, and to prevent Incompleteness Verification, Activity log disintegration with VirtualNAND K9K1208UOC and the user gets additional storage at the same time in preventing Double Spending is a consensus Proof of Exponomial which requires the help of hardware that should not be exposed to radiation because it will cause incoexistence in operating Combination Mathematics calculations, there will be a operation and maximizing the quality of the GPU does not make the 100 % accurate if it does not meet other criteria.

## 1 The Problem

Payment systems face hardware bias, Byzantine failures, and Gödelian incompleteness. Syamailcoin addresses these through deterministic mathematics. Natural falsehood: when state  $T$  becomes identical to corrupted  $T \oplus A$  through radiation, thermal fluctuations, or defects. Syamailcoin embeds verification within transitions.

## 2 Memory Decay Accumulation

### 2.1 Growth and Weighting Function

Growth  $\gamma^{i/R}$ : 5% per 10 iterations. Decay  $\varphi$  prioritizes recent states.  $\gamma > 1.1$  diverges;  $\gamma < 1.0$  stagnates.  $\varphi > 0.95$  overweights history;  $\varphi < 0.8$  loses memory.

## 3 SAI-288

IV: 2446858176, 2245252675, 319986600, 57483876, 751735170, 701093198, 136893128, 958575369, 161335494

## 4 Blockrecursive

Block: index, hash, previous reference, transactions, timestamp,  $F(i)$ , proof, accumulation, commitment, signature, storage check, version. Valid when: hash matches, signature verifies, proof  $\geq 0.1447$ , storage balanced, transactions valid.

## 5 Prevention

$\text{PoE}(25,5,20,3) = |53,130-1,140|=51,990$ . Threshold 0.1447 provides 14.47% Byzantine tolerance.

### 5.1 Inevitability Stage

Time calculation formula:

$$\Delta t_k = \frac{R}{\gamma} \ln\left(\frac{A(k+1)}{A(k)}\right)$$

## 6 Log Bit

NAND flash degrades from unbalanced data--excess ones or zeros degrade silicon oxide via charge trapping.

## 7 Economic

Initial genesis:

$$G = (485^2 - 64) + 69 = 235,294$$

### Inevitability Stage Economic Values:

$$\text{Stage 0: } (2025.65^2 - 64) + 2107.88 = 4,104,313.1758309230208$$

$$\text{Stage 1: } (1934.45^2 - 64) + 3202.67 = 3,743,507.3299902770668$$

$$\text{Stage 2: } (1089.1^2 - 64) + 295.83 = 1,186,437.2000982209574$$

$$\text{Stage 3: } (447.69^2 - 64) + 190.71 = 200,448.2940805212129$$

Maximum supply:

$$S_{\max} = (3077.5^2 - 64) - (31.75^2 - 64) - 5.72 \times 10^{-8} = 9,469,999.9999999428$$

Minimum ratio:

$$R_{\min} = \frac{235,294}{1,055,102,912} = 0.0002231668235294118$$

## 8 Persistent

Persistent state is enforced through accumulation rather than replacement. 85.53 % of logical capacity is preserved to avoid saturation and thermal decay. LWE bounds reconstruction from partial leakage. Two-strike tolerance invalidates inconsistent state reproduction. Unbeaten-Bit security reaches  $2^{144}$  under Grover before failure.

## 9 Summary

Five components: mathematical integrity via  $F(i)$  accumulation, 288-sac hashing with Unbeaten-Bit resilience, physical mitigation via balanced storage, Proof-of-Exponomial consensus with 14.47% Byzantine tolerance, and recursive verification independent of time.

## References

- Kocher, P., Jaffe, J., Jun, B. (1999). Differential Power Analysis.
- Al-Khwarizmi, M. (c. 820). Compendious Book on Calculation.